

## APPENDIX X

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**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Sean Harrison & Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50		50-70		70-85	X	>85	
WIND	SE @ 10-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	08/20/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
 Sean Harrison – Geologist  
 Monica Norton – Geologist

Inspector(s):

**FNA Inspection Services**  
 Harry Mundy – SOE Site Inspector

Contractor:

**Lettire Construction Corp.**  
 Ratko Krneta – Construction Site Superintendent,  
 Safety Officer  
 Derek Lenin– Backhoe Operator  
 Tesean Brown – Security

Subcontractor(s):

**AARCO Environmental Services Corp.**  
 Joe Wheeler – Driller  
 Daybi Pachero – Driller

**Environmental Bulkheading Corp.**  
 Steven Kahn – Laborer  
 Rayon Walker – Laborer  
 Damian Banckwood – Laborer  
 Phillip Stevens – Laborer

Equipment on Site:

**Lettire Construction Corp.**  
 CAT 321C LCR Backhoe

**Environmental Bulkheading Corp.**  
 HD180B Drill

**AARCO Environmental Services Corp.**  
 GeoProbe ® 7822DT Drill Rig

Description of Work Performed:

- AARCO Environmental Services Corp. installed one (1) temporary monitoring well in the sidewalk along E. 138<sup>th</sup> Street.
- Brinkerhoff Environmental Services, Inc. collected the pre-construction groundwater sample from the temporary monitoring well.
- The contractor began soil excavation in the southern portion of the site to approximately four (4) feet below grade surface (bgs).
- The contractor directly loaded fifteen (15) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- Drillers from EBC Corp installed anchors along the northern perimeter of the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Delivered to Site:

-AARCO brought a GeoProbe® 7822DT Drill Rig for the installation of the temporary monitoring well.

Equipment Removed From Site:

-AARCO removed the GeoProbe® 7822DT Drill Rig after the completion of the temporary monitoring well installation.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Fifteen (15) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: A4, B4, C4, D1, D2, D3, D4, E1 & E2

Samples Collected:

-One (1) pre-construction groundwater sample (TMW-1) was collected from the temporary monitoring well and submitted to the laboratory for VOC and SVOC analysis. Reference Construction Map Sketch for the sample location.

Community Air Monitoring Plan (CAMP) :

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None

Description of Upcoming Work Activities:

-Continue soil excavation in the southern portion of the site.  
 -Continue installing SOE components along the northern boundary of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
Today	15	375								
Total	15	375								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the site at the beginning of the day, facing northeast.



Photo 2 –

View of the contractor applying water to suppress the generation of dust.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the excavation area in the southern portion of the site, facing northwest.



Photo 4 –

View of the contractor directly loading material for off-site disposal, facing west.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50		50-70		70-85	X	>85	
WIND	SE @ 10-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	08/21/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
 Monica Norton – Geologist

Inspector(s):

**FNA Inspection Services**  
 Harry Mundy – SOE Site Inspector

Contractor:

**Lettire Construction Corp.**  
 Ratko Krneta – Construction Site Superintendent,  
 Safety Officer  
 Derek Lenin – Backhoe Operator  
 Tesean Brown – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**  
 Steven Kahn – Driller  
 Rayon Walker – Laborer  
 Damian Banckwood – Laborer  
 Phillip Stevens – Laborer

Equipment on Site:

**Lettire Construction Corp.**  
 CAT 321C LCR Backhoe

**Environmental Bulkheading Corp.**  
 HD180B Grout Drill

Description of Work Performed:

- The contractor continued excavating material in the southern and central portions of the site to approximately four (4) to five (5) feet below grade surface (bgs).
- The contractor directly loaded twelve (12) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- Drillers from EBC Corp continued to inject grout into the soil along the northern perimeter of the Site with supervision of the SOE Inspector on-site.

Equipment Delivered to Site:

- No equipment was delivered to the Site.

Equipment Removed From Site:

- No equipment was removed from the Site.

Material Delivered to Site:

- No material was delivered to the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Removed From Site:

-Twelve (12) truck loads of non-hazardous soil were removed off-site and transported to Clean Earth of Carteret Facility in Carteret, New Jersey.

Working In Grid #s: A4, B4, C1, C2, C3, C4, D1, D2, D3, D4, E1 & E2

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-Two (2) 550-gallon underground storage tanks (USTs) were discovered while excavating in the southern portion of the site. The USTs appear to be filled with water. The USTs were inspected and no evidence of cracks or holes were identified. Additionally, the soil surrounding the USTs was screened and no evidence of a leak or discharge were identified by visual, olfactory and photoionization detector (PID) methods. The NYSDEC was notified and the USTs remain in place. Reference the Construction Map Sketch below for the approximate location of the USTs.

Description of Upcoming Work Activities:

-Continue soil excavation in the southern portion of the site.  
 -Continue installing SOE components along the northern boundary of the Site. '

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	12	300								
Total	27	675								

\* = cubic yard totals are approximate since countersigned manifests have yet to been received



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the subcontractor injecting grout into the soil along the northern perimeter of the Site, facing northwest.



Photo 2 –

View of the area of excavation in the southern and central portions of the site, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing west.



Photo 4 –

View of the two (2) USTs located in the southern portion of the site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50		50-70		70-85	X	>85	
WIND	WSW @ 10-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	08/24/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

Inspector(s):

**FNA Inspection Services**  
Harry Mundy – SOE Site Inspector

Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent,  
Safety Officer  
Derek Lenin – Backhoe Operator  
Tesean Brown – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**  
Joel -- Laborer  
Steven Kahn – Laborer  
Rayon Walker – Laborer  
Damian Banckwood – Laborer  
Phillip Stevens – Laborer  
Joe – Driller  
  
**Erlandsen-Crowell & Shaw, LLP**  
Andrew – Surveyor

Equipment on Site:

**Lettire Construction Corp.**  
CAT 321C LCR Backhoe

**Environmental Bulkheading Corp.**  
HD180B Grout Drill  
CAT314C CR Backhoe

Description of Work Performed:

- The contractor continued excavating material in the southern portion of the site to approximately four (4) to five (5) feet below grade surface (bgs).
- The contractor directly loaded eleven (11) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- Drillers from EBC Corp continued to inject grout into the soil along the northeastern perimeter of the Site and began lagging along the northern boundary of the Site with the supervision of the SOE Inspector on-site.
- Two (2) surveyors from Erlandsen-Crowell & Shaw, LLC, surveyed the Site property lines.

Equipment Delivered to Site:

- No equipment was delivered to the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-Steel from 1-800-BUY-STEEL ([www.alliedsteel.com](http://www.alliedsteel.com)) was delivered to the Site.  
 -A truck load of timber was delivered to the Site to be used for lagging.

Material Removed From Site:

-Eleven (11) truck loads of non-hazardous soil were removed off-site and transported to Clean Earth of Carteret Facility in Carteret, New Jersey.

Working In Grid #s: A4, B1, B2, B4, C1, C2, C3, C4, D1, D2, D3, D4, E1 & E2

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities:

-Continue soil excavation in the southern portion of the site.  
 -Continue installing SOE components along the northern boundary of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	11	275								
Total	38	950								

\* = cubic yard totals are approximate since countersigned manifests have yet to been received



### Construction Map Sketch



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of EBC Corp.  
injecting grout into the  
soil along the  
northeastern  
perimeter of the site,  
facing southeast.



Photo 2 –

View of the excavation  
area in the central and  
southern portions of  
the Site, facing  
southeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing northwest.



Photo 4 –

View of the lagging installation along the northern boundary of the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50		50-70		70-85	X	>85	
WIND	WSW @ 10-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	08/25/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
 Monica Norton – Geologist

Inspector(s):

**FNA Inspection Services**  
 Harry Mundy – SOE Site Inspector  
 Jeff Mooremanna – Engineer

Contractor:

**Lettire Construction Corp.**  
 Ratko Krneta – Construction Site Superintendent, Safety Officer  
 Derek Lenin – Backhoe Operator/ Laborer  
 Paddy Lavelle – Backhoe Operator/ Laborer  
 Tesean Brown – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**  
 Joel -- Laborer  
 Rayon Walker – Laborer  
 Damian Banckwood – Laborer  
 Phillip Stevens – Laborer  
  
**Reliant Electrical Cont. Inc.**  
 Tipu Meah – Laborer

Equipment on Site:

**Lettire Construction Corp.**  
 CAT 321C LCR Backhoe

**Reliant Electrical Cont. Inc.**  
 Generator

**Environmental Bulkheading Corp.**  
 HD180B Grout Drill  
 CAT 314C CR Backhoe  
 M9-1 Pile Drill

Description of Work Performed:

- The contractor continued excavating along the northern boundary of the site to approximately four (4) feet below grade surface (bgs) for lagging installation.
- Reliant Electrical Cont. Inc. worked on setting up electricity for the Site.

Equipment Delivered to Site:

- A 20-cubic yard roll-off container was delivered to the Site.

Equipment Removed From Site:

- No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A4, B1, B2, B4, C1, C2, C3, C4, D1, D2, D3, D4, E1 & E2

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities:

-Continue soil excavation in the southern portion of the site.  
 -Continue installing SOE components along the Site boundaries.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
Today	-	-								
Total	38	950								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the installed lagging along the northern boundary of the site at the beginning of the day, facing northeast.



Photo 2 –

View of the installed lagging along the northern boundary of the site by the end of the day, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of electrical conduits installation along the southern boundary, facing south.



Photo 4 –

View of the entire site, facing northwest.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	TO 32		32-50		50-70		70-85	X	>85	
WIND	NNW 15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	08/26/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

Inspector(s):

**FNA Inspection Services**  
Harry Mundy – SOE Site Inspector

Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent,  
Safety Officer  
Derek Lenin– Backhoe Operator/ Laborer  
Paddy Lavelle –Backhoe Operator/ Laborer  
Tesean Brown – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**  
Rayon Walker – Laborer  
Phillip Stevens – Laborer  
  
**Reliant Electrical Cont. Inc.**  
Tipu Meah – Laborer

Equipment on Site:

**Lettire Construction Corp.**  
CAT 321C LCR Backhoe

**Reliant Electrical Cont. Inc.**  
Generator

**Environmental Bulkheading Corp.**  
HD180B Grout Drill  
CAT314C CR Backhoe  
M9-1 Pile Drill

Description of Work Performed:

- The contractor continued excavating material in the northern portion of the Site to approximately four (4) to five (5) feet below grade surface (bgs).
- The contractor directly loaded nineteen (19) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- The contractor continued to install lagging along the northeastern boundary of the Site with the supervision of the SOE Inspector.
- Reliant Electrical Cont. Inc. continued to work on setting up electricity for the Site.
- Dana Mecomber (NYSDEC) visited the Site today.

Equipment Delivered to Site:

- Electrical supplies were delivered to the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-Netting and timber for fencing was delivered to the Site.

Material Removed From Site:

-Nineteen (19) truck loads of non-hazardous soil were removed off-site and transported to Clean Earth of Carteret Facility in Carteret, New Jersey.

-A 20-cubic yard roll-off container filled with concrete was removed from the Site.

Working In Grid #s: A4, B1, B2, B3, B4, C1, C2, C3, C4, D1, D2, D3, D4, E1 & E2

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities:

-Continue soil excavation in the northern portion of the Site.

-Continue installing SOE components along the northern boundary of the site of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	19	475								
Total	57	1425								

\* = cubic yard totals are approximate since countersigned manifests have yet to been received



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the installed lagging along the northern boundary of the Site, facing west.



Photo 2 –

View of the excavation area, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing east.



Photo 4 –

View of the contractor applying water to the site entrance area, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	TO 32		32-50		50-70		70-85	X	>85	
WIND	NW 9 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	08/27/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

Inspector(s):

**FNA Inspection Services**  
Harry Mundy – SOE Site Inspector

Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent,  
Safety Officer  
Derek Lenin – Backhoe Operator/ Laborer  
Paddy Lavelle – Backhoe Operator/ Laborer  
Tesean Brown – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**  
Rayon Walker – Laborer  
Phillip Stevens – Laborer  
Phillip Stevens – Laborer  
  
**Clean Earth Inc.**  
Chad E. Mazenko – Field Project Manager  
Eliot Estevez – Technical Field Representative  
  
**Mercury Tank Cleaners**  
Johnny – Cleaner  
Gerardo – Cleaner

Equipment on Site:

**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
John Deere Bobcat

**Environmental Bulkheading Corp.**  
HD180B Grout Drill  
CAT314C CR Backhoe  
M9-1 Pile Drill

**Reliant Electrical Cont. Inc.**  
Generator

Description of Work Performed:

-The contractor continued excavating material along the northern boundary and in the southern portion of the Site to approximately five (5) to seven (7) feet below grade surface (bgs).  
-The contractor continued to install lagging to seven (7) feet bgs along the northeastern boundary of the Site with the supervision of the SOE Inspector.  
-Clean Earth Inc. was on-site and collected additional waste classification samples between ten (10) and twenty (20) feet bgs at eight (8) test pits across the Site.  
-Mercury Tank Cleaners arrived on-site and pumped out the liquid contents from the two (2) Underground Storage Tanks (USTs). The liquid contents were properly disposed off-site to Lorco Petroleum Services in Elizabeth, New Jersey.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

-The two (2) USTs were removed and placed into a 20-cubic yard roll-off container for off-site disposal. Brinkerhoff inspected the two (2) USTs and no holes or cracks were identified within the interior and exterior portions of the USTs. Additionally, Brinkerhoff screened the soil within the vicinity of the two (2) USTs and no evidence of a leak or discharge was identified by visual, olfactory, and photoionization detector (PID) methods. Brinkerhoff collected two (2) soil samples, one from the base depth of each UST for SVOC and VOC analysis.

Equipment Delivered to Site:

-A John Deere Bobcat was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A4, B1, B2, B3, B4, C1, C2, C3, C4, D1, D2, D3, D4, E1 & E2

Samples Collected:

-Clean Earth collected additional waste classification samples from eight (8) test pits across the Site.  
 -Brinkerhoff collected two (2) soil samples, one (1) sample from the base depth of each UST, and were submitted to the laboratory for SVOC and VOC analysis.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities:

-Continue soil excavation across the Site.  
 -Continue installing SOE components along the northern boundary of the site of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	—	—								
Total	57	1425								

\* = cubic yard totals are approximate since countersigned manifests have yet to been received

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the installed lagging along the northern boundary of the Site, facing west.



Photo 2 –

View of the excavation area, facing east.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor excavating a test pit for Clean Earth to collect additional waste classification samples, facing southeast.



Photo 4 –

View of Mercury Tank Cleaners removing the liquid contents from the USTs.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the two (2)  
removed USTs.



Photo 6 – View of the  
soil within the vicinity  
of the two (2) USTs.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	TO 32		32-50		50-70		70-85	X	>85	
WIND	NW 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	08/28/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

Inspector(s):

**FNA Inspection Services**  
Harry Mundy – SOE Site Inspector

Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent,  
Safety Officer  
Derek Lenin – Backhoe Operator/ Laborer  
Paddy Lavelle – Backhoe Operator/ Laborer  
Tesean Brown – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**  
Rayon Walker – Laborer  
Phillip Stevens – Laborer  
Phillip Stevens – Laborer

Equipment on Site:

**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
John Deere Bobcat

**Environmental Bulkheading Corp.**  
HD180B Grout Drill  
CAT314C CR Backhoe  
M9-1 Pile Drill

**Reliant Electrical Cont. Inc.**  
Generator

Description of Work Performed:

- The contractor continued excavating material in the northern and the southern portions of the Site to approximately five (5) to seven (7) feet below grade surface (bgs).
- The contractor directly loaded twenty-six (26) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- The contractor continued to install lagging to seven (7) feet bgs along the northwestern boundary of the Site with the supervision of the SOE Inspector.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Twenty-six (26) loads of non-hazardous soil were removed off-site and transported to Clean Earth of Carteret, in Carteret, New Jersey.

Working In Grid #s: A4, B1, B2, B3, B4, C1, C2, C3, C4, D1, D2, D3, D4, E1 & E2

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities:

-Continue soil excavation across the Site.  
 -Continue installing SOE components along the perimeter of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	26	650								
Total	83	2075								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



### Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the installed lagging along the northern boundary of the Site, facing east.



Photo 2 –

View of the excavation area, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing northwest.



Photo 4 –

View of contractor applying water to the Site entrance area, facing east.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50		50-70		70-85		>85	X
WIND	W 5 -10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	08/31/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

Inspector(s):

**FNA Inspection Services**  
Harry Mundy – SOE Site Inspector

Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent, Safety Officer  
Derek Lenin– Backhoe Operator/ Laborer  
Paddy Lavelle –Backhoe Operator/ Laborer  
Tesean Brown – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**  
Steven Kahn – Driller  
Rayon Walker – Laborer  
Damian Banckwood – Laborer  
Phillip Stevens – Laborer  
  
**Reliant Electrical Cont. Inc.**  
Tipu Meah – Laborer  
  
**Erlandsen-Crowell & Shaw, LLC**  
Andrew – Surveyor

Equipment on Site:

**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
John Deere Bobcat

**Environmental Bulkheading Corp.**  
HD180B Grout Drill  
CAT314C CR Backhoe  
M9-1 Pile Drill

Description of Work Performed:

- The contractor continued excavating material in the western portion of the Site to approximately five (5) to seven (7) feet below grade surface (bgs).
- The contractor directly loaded ten (10) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- The contractor drilled four (4) piles along the northeastern boundary of the site.
- Erlandsen-Crowell & Shaw, LLC surveyed the Site property lines.
- Reliant Electrical Cont. Inc. continued setting up electricity for the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Ten (10) truck loads of non-hazardous soil were removed off-site and transported to Clean Earth of Carteret Facility in Carteret, New Jersey.

Working In Grid #s: A1, A3, A4, B1, B2, B3, B4, C1, C2, C3, C4, D1, D2, D3, D4, E1 & E2

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-Two (2) additional 550-gallon underground storage tanks (USTs), identified as UST-14 and UST-15, were discovered while excavating in the western portion of the Site. Product was observed in both of the USTs. A large hole was identified on the top of UST-14; however, no other holes or cracks were identified within UST-14. No holes or cracks were identified within UST-15. Additionally, Brinkerhoff screened the soil within the vicinities of the USTs and petroleum-like odors, elevated photoionization detector (PID) readings, and stained soil were observed. The USTs are located in the area of petroleum-impacted soil that has already been identified in previous environmental investigations. The USTs remain in place. Reference the Construction Map Sketch below for the approximate location of the USTs.

Description of Upcoming Work Activities:

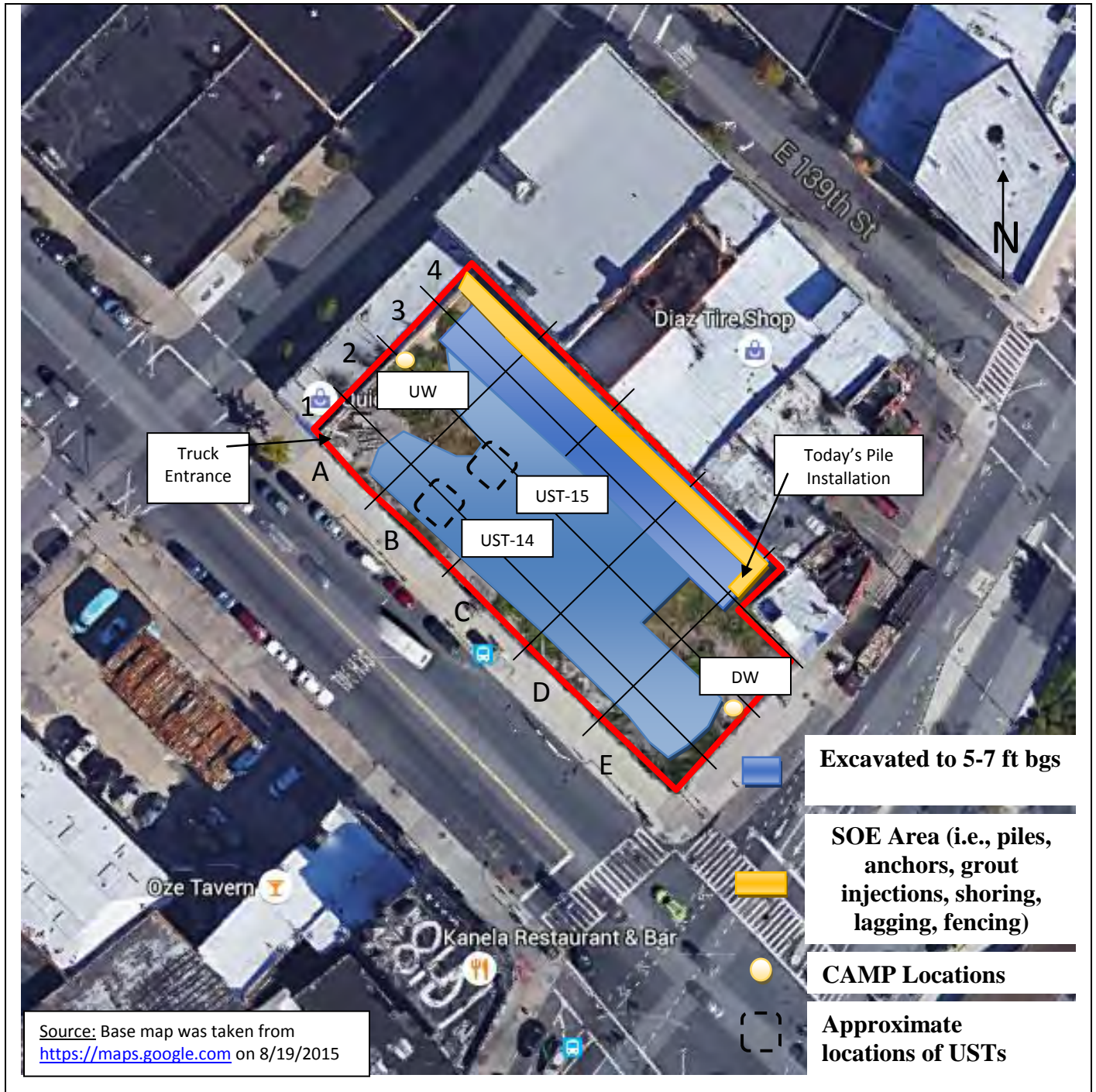
-Continue soil excavation in the eastern portion of the Site.  
 -Continue installing SOE components along the northeastern and eastern boundaries.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
	10	250								
Total	93	2325								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the pile installation along the northeastern boundary, facing north.



Photo 2 –

View of the excavation area, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing northwest.



Photo 4 –

View of the contractor applying water to the site entrance area, facing east.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –  
View of UST-14.



Photo 6 –  
Interior view of UST-14.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 7 –

View of UST-15.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	TO 32		32-50		50-70		70-85		>85	X
WIND	N 5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/01/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

Inspector(s):

**FNA Inspection Services**  
Harry Mundy – SOE Site Inspector

Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent, Safety Officer  
Derek Lenin– Backhoe Operator/ Laborer  
Paddy Lavelle –Backhoe Operator/ Laborer  
Tesean Brown – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**  
Steven Kahn – Driller  
Rayon Walker – Laborer  
Damian Banckwood – Laborer  
Phillip Stevens – Laborer

**Mercury Tank Cleaners**  
Miguel – Cleaner  
Gerardo – Cleaner

Equipment on Site:

**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
John Deere Bobcat

**Environmental Bulkheading Corp.**  
HD180B Grout Drill  
CAT314C CR Backhoe  
M9-1 Pile Drill

Description of Work Performed:

-The contractor continued excavating material in the southwest portion of the Site to approximately five (5) to seven (7) feet below grade surface (bgs).  
-The contractors drilled five (5) piles along the northeast boundary of the site.  
-Mercury Tank Cleaners arrived on-site and pumped out the liquid contents from the two (2) Underground Storage Tanks (USTs), identified as UST-14 and UST-15. The liquid contents were properly disposed off-site to Lorco Petroleum Services in Elizabeth, New Jersey.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-A truck-load of piles was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site today.

Working In Grid #s: A1, A3, A4, B1, B2, B3, B4, C1, C2, C3, C4, D1, D2, D3, D4, E1, E2 & E3

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities:

-Continue soil excavation throughout the Site.  
 -Continue installing SOE components along the northern and eastern boundaries.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	—	—								
Total	93	2325								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the pile  
installation along the  
northeastern  
boundary, facing west.



Photo 2 –

View of the excavation  
area, facing  
northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of Mercury Tank Cleaners on-site to pump out the liquid contents from the USTs, facing northwest.



Photo 4 –

View of the contractor applying water to the Site entrance, facing southwest.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50		50-70		70-85		>85	X
WIND	S 0-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/02/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
 Monica Norton – Geologist

Inspector(s):

**FNA Inspection Services**  
 Harry Mundy – SOE Site Inspector

Contractor:

**Lettire Construction Corp.**  
 Ratko Krneta – Construction Site Superintendent, Safety Officer  
 Derek Lenin – Backhoe Operator/ Laborer  
 Paddy Lavelle – Backhoe Operator/ Laborer  
 Tesean Brown – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**  
 Steven Kahn – Driller  
 Rayon Walker – Laborer  
 Damian Banckwood – Laborer  
 Phillip Stevens – Laborer  
  
**Mercury Tank Cleaners**  
 Mark – Cleaner

Equipment on Site:

**Lettire Construction Corp.**  
 CAT 321C LCR Backhoe  
 John Deere Bobcat

**Environmental Bulkheading Corp.**  
 HD180B Grout Drill  
 CAT314C CR Backhoe  
 M9-1 Pile Drill

Description of Work Performed:

- The contractor continued excavating material in the central portion of the Site to approximately five (5) to seven (7) feet below grade surface (bgs).
- The contractor injected grout in the northeast corner, drilled one (1) pile along the east boundary, and continued lagging on the north boundary of the Site.
- Three (3) 20-cubic yard roll-off containers were filled with concrete and removed off-site.
- The two (2) USTs, UST-14 and UST-15, were moved to the side of the excavation area along E. 138<sup>th</sup> Street and were wrapped in plastic.
- Dana Mecomber (NYSDEC) was on-site today.

Equipment Delivered to Site:

-No equipment was delivered to the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-A truck-load of grout was delivered to the Site.

Material Removed From Site:

-Three (3) 20-cubic yard roll-off containers of concrete were removed from the Site.

Working In Grid #s: A1, A3, A4, B1, B2, B3, B4, C1, C2, C3, C4, D1, D2, D3, D4, E1, E2 & E3

Samples Collected:

-Brinkerhoff collected two (2) soil samples, one (1) sample from the base depth of each UST, and the samples were submitted to the laboratory for SVOC and VOC analysis.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities:

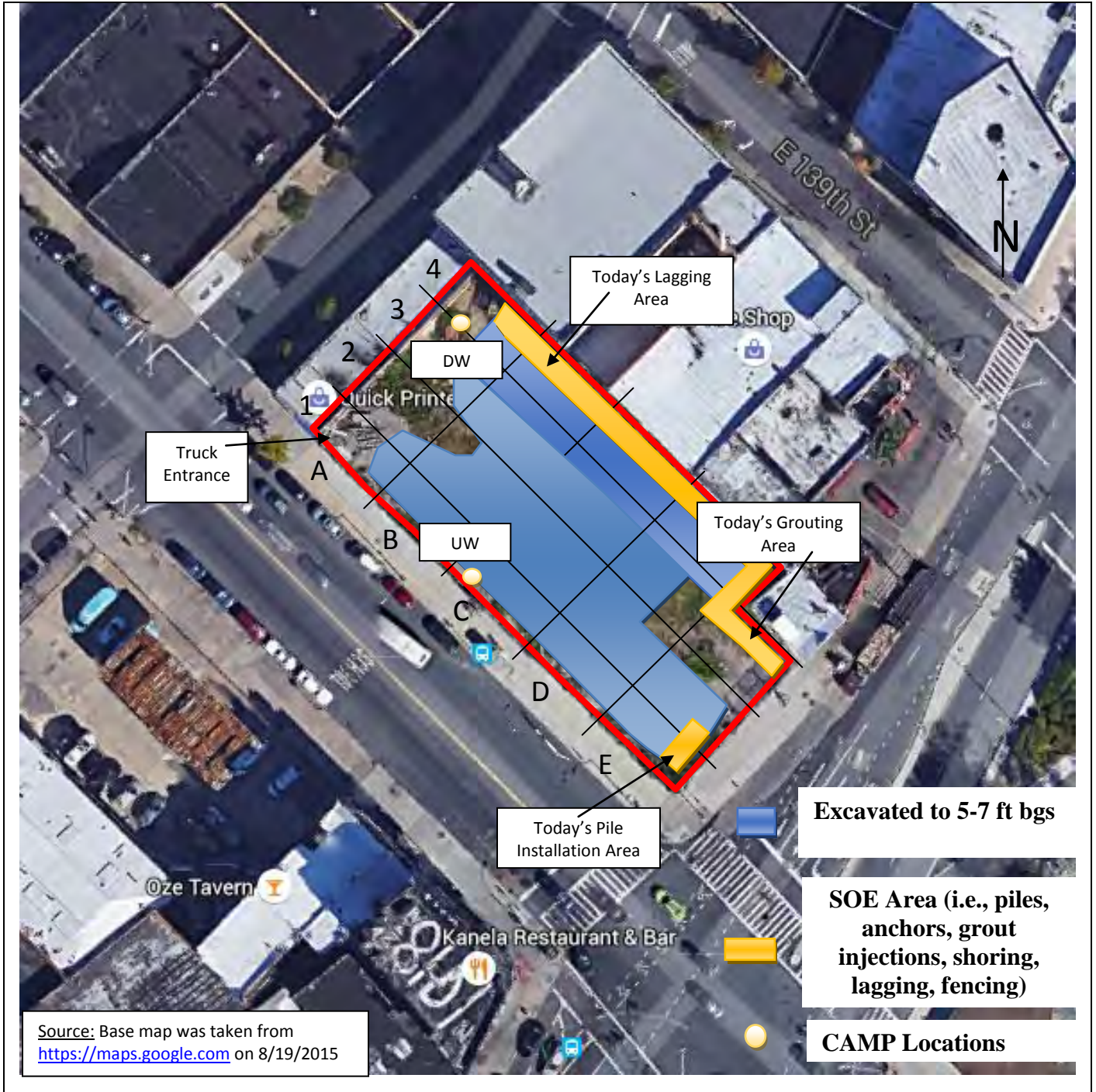
-Continue soil excavation throughout the Site.  
 -Continue installing SOE components along the north and east boundaries.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	—	—								
Total	93	2325								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the pile installation along the eastern boundary, facing west.



Photo 2 –

View of the excavation area, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the lagging  
along the northern  
boundary.



Photo 4 –

View of the contractor  
applying water to the  
Site entrance area.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the UST-14 removal. Leaking was observed at the base of UST-14.



Photo 6 –

View of UST-14 on a plastic tarp.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 7 –

View of the UST-14 covered with plastic.



Photo 8 –

View of UST-15 on a plastic tarp.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 9 –

View of the petroleum-impacted soil that was observed beneath UST-15.



Photo 10 –

View of UST-15 covered with plastic.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50		50-70		70-85		>85	X
WIND	NNW 5 -10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/03/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

Inspector(s):

**FNA Inspection Services**  
Harry Mundy – SOE Site Inspector

Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent, Safety Officer  
Derek Lenin– Backhoe Operator/ Laborer  
Paddy Lavelle –Backhoe Operator/ Laborer  
Tesean Brown – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**  
Steven Kahn – Driller  
Rayon Walker – Laborer  
Damian Banckwood – Laborer  
Phillip Stevens – Laborer  
  
**Erlandsen-Crowell & Shaw, LLC**  
Andrew – Surveyor

Equipment on Site:

**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
John Deere Bobcat

**Environmental Bulkheading Corp.**  
HD180B Grout Drill  
CAT314C CR Backhoe  
M9-1 Pile Drill

Description of Work Performed:

- The contractor continued excavating material throughout the Site to approximately five (5) to seven (7) feet below grade surface (bgs).
- The contractor directly loaded twenty-four (24) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- The contractor injected grout in the northeast corner, drilled three (3) piles along the east boundary, and continued lagging on the north boundary of the Site.
- BioSolve® Pinkwater vapor suppressant was applied to areas of petroleum-impacted soil across the Site.

Equipment Delivered to Site:

-No equipment was delivered to the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-A truck-load of timber was delivered to the Site for lagging.

Material Removed From Site:

-Twenty-four (24) truck loads of non-hazardous soil were removed off-site and transported to Clean Earth of Carteret Facility in Carteret, New Jersey.

Working In Grid #s: A1, A3, A4, B1, B2, B3, B4, C1, C2, C3, C4, D1, D2, D3, D4, E1, E2 & E3

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities:

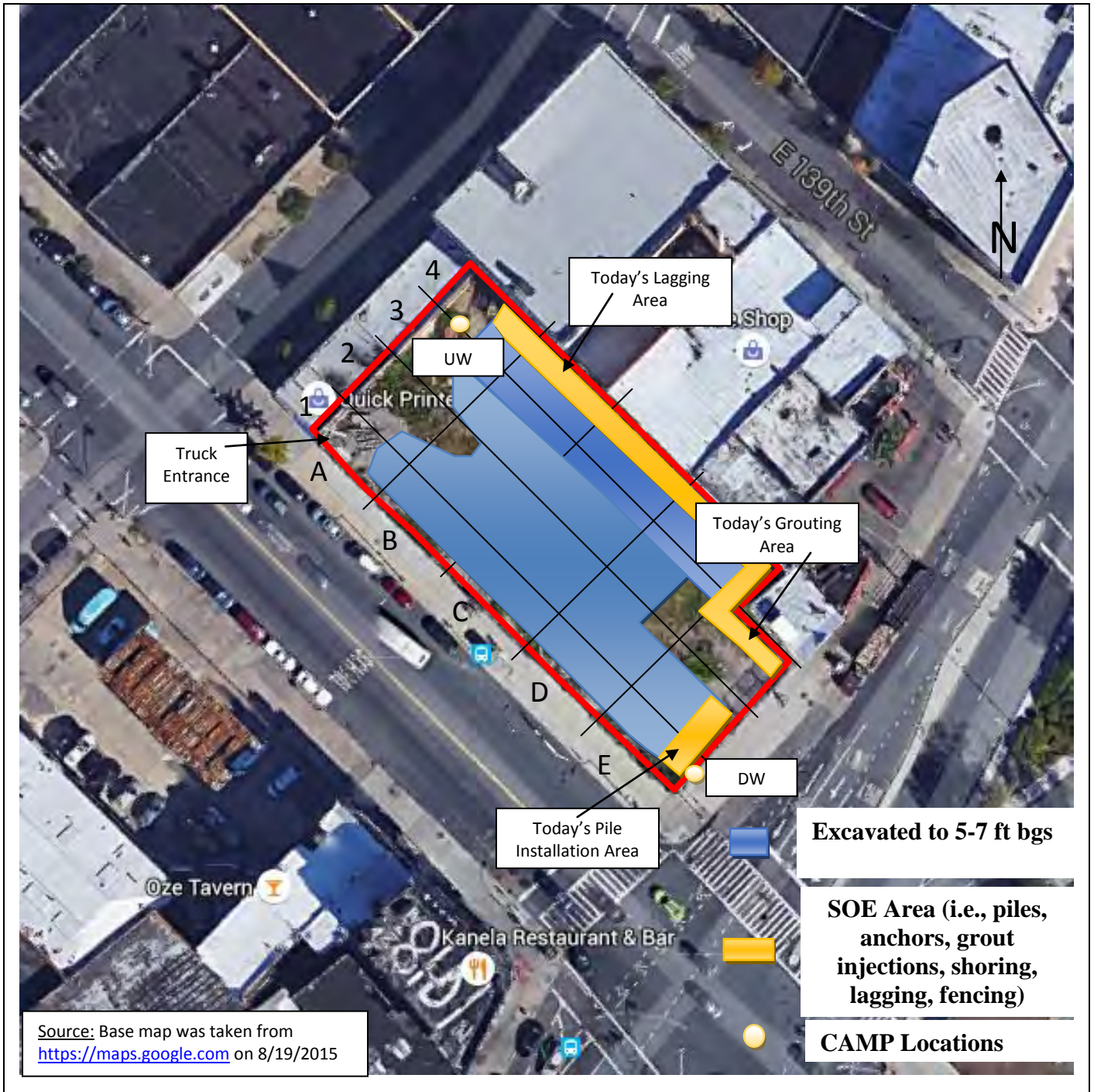
-Continue soil excavation throughout the Site.  
 -Continue installing SOE components along the north and east boundaries.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	24	600								
Total	117	2925								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the pile installation along the eastern boundary, facing north.



Photo 2 –

View of the excavation area, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing northwest.



Photo 4 –

View of the contractor applying water to the Site entrance area.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50		50-70		70-85		>85	X
WIND	NNE 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/04/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

Inspector(s):

**FNA Inspection Services**  
Harry Mundy – SOE Site Inspector

Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent, Safety Officer  
Derek Lenin – Backhoe Operator/ Laborer  
Paddy Lavelle – Backhoe Operator/ Laborer  
Tesean Brown – Security  
Nick Lettire – Owner

Subcontractor(s):

**Environmental Bulkheading Corp.**  
Steven Kahn – Driller  
Rayon Walker – Laborer  
Damian Banckwood – Laborer  
Phillip Stevens – Laborer  
  
**Groundwater Treatment and Technology, LLC**  
Kevin

Equipment on Site:

**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
John Deere Bobcat

**Environmental Bulkheading Corp.**  
HD180B Grout Drill  
CAT314C CR Backhoe  
M9-1 Pile Drill

Description of Work Performed:

- The contractor continued excavating material in the northwest and northeast portions of the Site to approximately five (5) to seven (7) feet below grade surface (bgs).
- The contractor directly loaded nine (9) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- The contractor continued to drill piles along the east boundary of the Site.
- BioSolve® Pinkwater vapor suppressant was applied to areas of petroleum-impacted soil across the Site.

Equipment Delivered to Site:

- No equipment was delivered to the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Nine (9) truck loads of non-hazardous soil were removed off-site and transported to Clean Earth of Carteret Facility in Carteret, New Jersey.

Working In Grid #s: A1, A3, A4, B1, B2, B3, B4, C1, C2, C3, C4, D1, D2, D3, D4, E1, E2 & E3

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities:

-Continue soil excavation throughout the Site.  
 -Continue installing SOE components along the north and east boundaries.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	9	225								
Total	126	3150								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT

Photographs of Work Performed:

Photo 1 –

View of the pile installation along the eastern boundary, facing north.



Photo 2 –

View of the excavation area, facing southeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

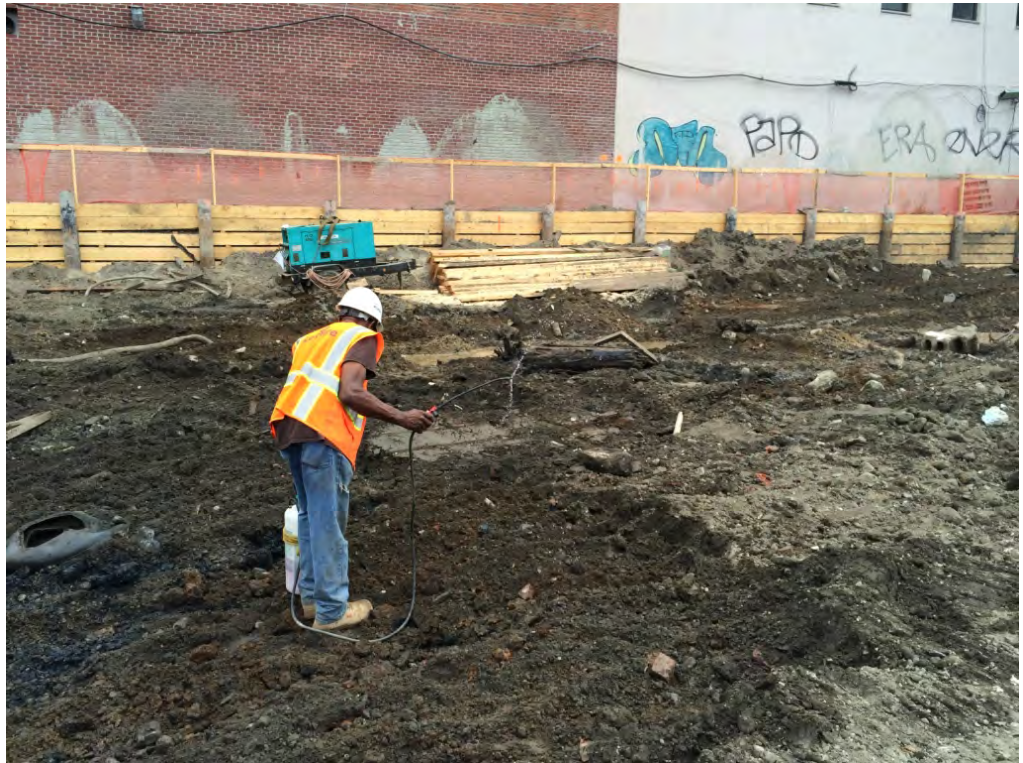
Photo 3 –

View of the contractor directly loading material for off-site disposal, facing northwest.



Photo 4 –

View of the contractor applying BioSolve® Pinkwater vapor suppressant to the petroleum-impacted soil.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	TO 32		32-50		50-70		70-85		>85	X
WIND	SW 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/08/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

Inspector(s):

**FNA Inspection Services**  
Harry Mundy – SOE Site Inspector

Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent, Safety Officer  
Derek Lenin – Backhoe Operator/ Laborer  
Paddy Lavelle – Backhoe Operator/ Laborer  
Tesean Brown – Security  
Nick Lettire – Owner

Subcontractor(s):

**Environmental Bulkheading Corp.**  
Steven Kahn – Driller  
Rayon Walker – Laborer  
Damian Banckwood – Laborer  
Phillip Stevens – Laborer

Equipment on Site:

**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
John Deere Bobcat

**Environmental Bulkheading Corp.**  
HD180B Grout Drill  
CAT314C CR Backhoe  
M9-1 Pile Drill

Description of Work Performed:

- The contractor continued excavating material throughout the Site to approximately five (5) to seven (7) feet below grade surface (bgs).
- The contractor continued to drill piles along the east boundary of the Site.
- The contractor continued installing lagging along the northeast boundary of the Site.
- BioSolve® Pinkwater vapor suppressant was applied to areas of petroleum-impacted soil across the Site.

Equipment Delivered to Site:

- No equipment was delivered to the Site.

Equipment Removed From Site:

- No equipment was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-A truck-load of timber was delivered to the Site.

Working In Grid #s: A1, A3, A4, B1, B2, B3, B4, C1, C2, C3, C4, D1, D2, D3, D4, E1, E2 & E3

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC exceedances; however, PM-10 exceedances were observed from approximately 11:36 to 11:49. Visible dust was generated from the excavation activities but no fugitive dust was observed leaving the site. The contractor applied water to the excavation area and suppressed the dust. After the contractor implemented dust suppression methods, no PM-10 exceedances were observed for the remainder of the day.

Problems Encountered:

-Two (2) additional 550-gallon underground storage tanks (USTs), identified as UST-16 and UST-17, were discovered while excavating along the northern boundary of the Site. A dented-in hole and several small holes were identified on the top of UST-16. Water was observed leaking out of UST-16. Due to unsafe conditions (e.g. water and saturated soil), UST-17 was not inspected; however, a small hole was observed on the top of the UST. Additionally, Brinkerhoff screened the soil within the vicinities of the USTs and petroleum-like odors, elevated photoionization detector (PID) readings, and stained soil were observed. The USTs are located in the area of petroleum-impacted soil that has already been identified in previous environmental investigations. The NYSDEC was notified and the USTs remain in place. Reference the Construction Map Sketch below for the approximate location of the USTs.

Description of Upcoming Work Activities:

-Continue soil excavation throughout the Site.  
 -Continue installing SOE components along the north and east boundaries.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	—	—								
Total	126	3150								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT

**Photographs of Work Performed:**

Photo 1 –

View of the pile installation along the eastern boundary, facing northeast.



Photo 2 –

View of UST-16.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

Additional view of  
UST-16.



Photo 4 –

View of UST-17.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of both USTs covered with polyethylene sheeting.



Photo 6 –

View of the contractor applying BioSolve® Pinkwater vapor suppressant to the petroleum-impacted soil.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 7 –

View of the contractor applying water to the excavation area.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	TO 32		32-50		50-70		70-85		>85	X
WIND	SW 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/09/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
 Monica Norton – Geologist

Inspector(s):

**FNA Inspection Services**  
 Harry Mundy – SOE Site Inspector

Contractor:

**Lettire Construction Corp.**  
 Ratko Krneta – Construction Site Superintendent, Safety Officer  
 Derek Lenin – Backhoe Operator/ Laborer  
 Paddy Lavelle – Backhoe Operator/ Laborer  
 Tesean Brown – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**  
 Steven Kahn – Driller  
 Rayon Walker – Laborer  
 Phillip Stevens – Laborer  
  
**Mercury Tank Cleaners**  
 Johnny – Cleaner  
 Taz – Cleaner

Equipment on Site:

**Lettire Construction Corp.**  
 CAT 321C LCR Backhoe  
 John Deere Bobcat

**Environmental Bulkheading Corp.**  
 HD180B Grout Drill  
 CAT314C CR Backhoe  
 M9-1 Pile Drill

Description of Work Performed:

-The contractor continued excavating material throughout the Site to approximately five (5) to seven (7) feet below grade surface (bgs).  
 -The contractor directly loaded ten (10) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.  
 -The contractor continued drilling piles along the east boundary of the Site.  
 -The contractor continued installing lagging along the northeast boundary of the Site.  
 -Mercury Tank Cleaners arrived on-site and pumped out the liquid contents from the two (2) Underground Storage Tanks (USTs), identified as UST-16 and UST-17. The liquid contents were properly disposed off-site to Lorco Petroleum Services in Elizabeth, New Jersey. Mercury Tank Cleaners also began cleaning the interior of UST-15.  
 -BioSolve® Pinkwater vapor suppressant was applied to areas of petroleum-impacted soil across the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Ten (10) loads of non-hazardous soil were removed off-site and transported to Clean Earth of Carteret Facility in Carteret, New Jersey.

Working In Grid #s: A1, A3, A4, B1, B2, B3, B4, C1, C2, C3, C4, D1, D2, D3, D4, E1, E2 & E3

Samples Collected:

- No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities:

-Continue soil excavation throughout the Site.  
 -Continue installing SOE components along the north boundary.  
 -Clean and remove USTs.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	10	250								
Total	136	3400								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



### Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the pile installation along the eastern boundary, facing northeast.



Photo 2 –

View of the lagging installation in the northeast corner of the site.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing northwest.



Photo 4 –

View of the contractor applying water to the Site entrance.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the excavation area, facing west.



Photo 6 –

View of Mercury Tank Cleaners pumping out the liquid contents of UST-17.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain	X	Overcast		Partly Cloudy		Bright Sun	
TEMP.	TO 32		32-50		50-70		70-85	X	>85	
WIND	NE 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/10/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

Inspector(s):

**FNA Inspection Services**  
Harry Mundy – SOE Site Inspector

Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent,  
Safety Officer  
Derek Lenin – Backhoe Operator/ Laborer  
Paddy Lavelle – Backhoe Operator/ Laborer  
Tesean Brown – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**  
Steven Kahn – Driller  
Rayon Walker – Laborer  
Phillip Stevens – Laborer

Equipment on Site:

**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
John Deere Bobcat

**Environmental Bulkheading Corp.**  
HD180B Grout Drill  
CAT314C CR Backhoe  
M9-1 Pile Drill

Description of Work Performed:

- The contractor continued drilling piles along the east boundary of the Site.
- The contractor continued installing lagging along the northeast boundary of the Site.

Equipment Delivered to Site:

- No equipment was delivered to the Site.

Equipment Removed From Site:

- No equipment was removed from the Site.

Material Delivered to Site:

- No material was delivered to the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: E1, E2 & E3

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was not performed due to inclement weather (i.e. rain). No visible dust was observed.

Problems Encountered:

-None.

Description of Upcoming Work Activities:

- Continue soil excavation throughout the Site.
- Continue installing SOE components along the north boundary.
- Clean and remove USTs.
- Begin dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	—	—								
Total	136	3400								

\* = cubic yard totals are approximate since countersigned manifests have yet to been received



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the lagging installation in the northeast corner of the site.



Photo 2 –

View of the entire Site, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the pile installation along the east boundary of the site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50		50-70		70-85	X	>85	
WIND	N 10-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/11/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

Inspector(s):

**FNA Inspection Services**  
Harry Mundy – SOE Site Inspector

Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent,  
Safety Officer  
Derek Lenin– Backhoe Operator/ Laborer  
Tesean Brown – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**  
Steven Kahn – Driller  
Rayon Walker – Laborer  
Phillip Stevens – Laborer  
  
**Erlandsen-Crowell & Shaw, LLC**  
Andrew – Surveyor

Equipment on Site:

**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
John Deere Bobcat  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer

**Environmental Bulkheading Corp.**  
HD180B Grout Drill  
CAT314C CR Backhoe  
M9-1 Pile Drill

Description of Work Performed:

-The two (2) underground storage tanks (USTs), identified as UST-16 and UST-17, were relocated to the side of the excavation area along E. 138<sup>th</sup> Street and were wrapped with polyethylene sheeting.  
-The contractor finished drilling piles along the east boundary of the Site and began prepping for the foundation pile installation along the north boundary of the Site.  
-BioSolve® Pinkwater vapor suppressant was applied to areas of petroleum-impacted soil across the Site.

Equipment Delivered to Site:

-A 900H Sullair Generator was delivered to the Site.  
-A 1800 PSI Power Washer was delivered to the site to be used for the application of the BioSolve® Pinkwater vapor suppressant.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A3, A4, B3, B4, & E3

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities:

- Continue soil excavation throughout the Site.
- Continue installing SOE components along the north boundary.
- Clean and remove the USTs.
- Begin groundwater dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	—	—								
Total	136	3400								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

### Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the pile installation along the east boundary, facing northeast.



Photo 2 –

View of the entire Site, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of UST-16 and UST-17 before relocation, facing north.



Photo 4 –

View of UST-16 and UST-17 placed on and wrapped with polyethylene sheeting.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Ian Grant

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	TO 32		32-50		50-70		70-85	X	>85	
WIND	N 10-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/14/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
 Ian Grant – Geologist

Inspector(s):

**FNA Inspection Services**  
 Harry Mundy – SOE Site Inspector

Contractor:

**Lettire Construction Corp.**  
 Ratko Krneta – Construction Site Superintendent,  
 Safety Officer  
 Derek Lenin– Backhoe Operator/ Laborer  
 Tesean Brown – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**  
 Steven Kahn – Driller  
 Rayon Walker – Laborer  
 Phillip Stevens – Laborer  
  
**Erlandsen-Crowell & Shaw, LLC**  
 Andrew – Surveyor

Equipment on Site:

**Lettire Construction Corp.**  
 CAT 321C LCR Backhoe  
 John Deere Bobcat  
 900H Sullair Generator  
 Clean Force 1800 PSI Power Washer

**Environmental Bulkheading Corp.**  
 HD180B Grout Drill  
 CAT314C CR Backhoe  
 M9-1 Pile Drill

Description of Work Performed:

- The dewatering system was installed on-site by Ground Water Treatment Technology (GWTT), LLC.
- The contractor continued drilling piles along the southeast boundary of the Site.
- BioSolve® Pinkwater vapor suppressant was applied to areas of petroleum-impacted soil across the Site.
- The three (3) USTs were cleaned by Petroleum Tank Cleaners of Brooklyn, NY and were placed in a 20-cubic yard roll-off container.

Equipment Delivered to Site:

- The dewatering system was delivered to the site and was setup along E. 138<sup>th</sup> Street.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: B1, B2, D4, E3

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities:

-Continue soil excavation throughout the Site.  
 -Continue installing SOE components along the north boundary.  
 -Begin dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	—	—								
Total	136	3400								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the pile  
installation, facing  
north.



Photo 2 –

View of the entire Site,  
facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the cleaned  
USTs, placed on  
polyethylene sheeting.



Photo 4 –

View of the  
dewatering treatment  
system, located along  
E. 138<sup>th</sup> Street.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the  
dewatering pump  
installation, facing  
northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50		50-70		70-85	X	>85	
WIND	WNW 0-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/15/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

Inspector(s):

**FNA Inspection Services**  
Harry Mundy – SOE Site Inspector

**Domani Inspector Company**  
Mohammed Awad – Engineer & Inspector

Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent,  
Safety Officer  
Derek Lenin– Backhoe Operator/ Laborer  
Edwin– Security

Subcontractor(s):

**Environmental Bulkheading Corp.**  
Steven Kahn – Driller  
Rayon Walker – Laborer  
Phillip Stevens – Laborer  
Damian Banckwood – Laborer

**GroundwaterTreatment and Technology, LLC**  
Kevin

Equipment on Site:

**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
John Deere Bobcat  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer

**Environmental Bulkheading Corp.**  
HD180B Grout Drill  
CAT314C CR Backhoe  
M9-1 Pile Drill  
Concrete EuroDrill

**GroundwaterTreatment and Technology, LLC**  
Dewatering Storage and Treatment Tanks

Description of Work Performed:

- GWTT began dewatering operations.
- The contractor graded the western portion of the site to approximately five (5) to seven (7) feet below grade surface (bgs).
- The contractor drilled foundation piles along the northeast boundary of the Site.
- BioSolve® Pinkwater vapor suppressant was applied to areas of petroleum-impacted soil across the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Delivered to Site:

-A 10-cubic yard roll-off container was delivered to the Site.  
 -A Concrete EuroDrill was delivered to the Site.

Equipment Removed From Site:

-A 20-cubic yard roll-off container filled with scrap metal and concrete fragments was removed from the Site.

Material Delivered to Site:

-A truck load of grout was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A2, A3, A4, B2, B3, B4, C2, C3, C4, D3, & D4

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities:

-Continue soil excavation throughout the Site.  
 -Continue installing SOE components.  
 -Continue groundwater dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	—	—								
Total	136	3400								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										



### Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the pile installation on the northeast boundary of the site.



Photo 2 –

View of the entire Site, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

Additional view of the Site, facing southeast.



Photo 4 –

View of the installed dewatering pump in the central portion of the site, facing southeast.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the  
dewatering storage  
and treatment  
container, located  
along E. 138<sup>th</sup> Street.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	TO 32		32-50		50-70		70-85	X	>85	
WIND	NW 0-3 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/16/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
 Monica Norton – Geologist

Inspector(s):

**Domani Inspector Company**  
 Ziad Maad – Inspector  
 Jonathan Jurvis – Inspector

Contractor:

**Lettire Construction Corp.**  
 Ratko Krneta – Construction Site Superintendent,  
 Safety Officer  
 Derek Lenin– Backhoe Operator/ Laborer  
 Edwin– Security

Subcontractor(s):

**Environmental Bulkheading Corp.**  
 Steven Kahn – Driller  
 Rayon Walker – Laborer  
 Phillip Stevens – Laborer  
 Damian Banckwood – Laborer

Equipment on Site:

**Lettire Construction Corp.**  
 CAT 321C LCR Backhoe  
 John Deere Bobcat  
 900H Sullair Generator  
 Clean Force 1800 PSI Power Washer

**Environmental Bulkheading Corp.**  
 HD180B Grout Drill  
 CAT314C CR Backhoe  
 M9-1 Pile Drill  
 Concrete EuroDrill

**GroundwaterTreatment and Technology, LLC**  
 Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor began excavating in the western portion of the Site between approximately zero (0) to two (2) feet below grade surface (bgs).
- The contractor drilled foundation piles along the northeast boundary of the Site and injected grout into the piles along the east boundary of the Site.
- Manfred Magloire (NYSDEC) was on-site today.

Equipment Delivered to Site:

- No equipment was delivered to the Site.

Equipment Removed From Site:

- No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A2, B2, E1, E2, E3, D3, & D4

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities:

-Continue soil excavation throughout the Site.  
 -Continue installing SOE components.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	—	—								
Total	136	3400								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



### Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the pile installation along the northeast boundary of the Site, facing east.



Photo 2 –

View of the grout injection in the piles along the east boundary of the Site, facing southeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the entire Site,  
facing southwest.



Photo 4 –

View of the contractor  
applying water to the  
Site, facing northwest.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	TO 32		32-50		50-70		70-85	X	>85	
WIND	SW 0-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/17/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

Inspector(s):

**Domani Inspector Company**  
Ziad Maad – Inspector  
Jonathan Jurvis – Inspector

Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent,  
Safety Officer  
Derek Lenin– Backhoe Operator/ Laborer  
Edwin– Security

Subcontractor(s):

**Environmental Bulkheading Corp.**  
Steven Kahn – Driller  
Rayon Walker – Laborer  
Phillip Stevens – Laborer  
Damian Banckwood – Laborer

Equipment on Site:

**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
John Deere Bobcat  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer

**Environmental Bulkheading Corp.**  
HD180B Grout Drill  
CAT314C CR Backhoe  
M9-1 Pile Drill  
Concrete EuroDrill

**GroundwaterTreatment and Technology, LLC**  
Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor excavated in the western portion of the Site between approximately zero (0) and two (2) feet below grade surface (bgs) and between approximately five (5) and seven (7) feet bgs along the southeast boundary of the site.
- The contractor drilled foundation piles along the northern boundary of the Site and began lagging along the eastern boundary of the Site.
- BioSolve® Pinkwater vapor suppressant was applied to areas of petroleum-impacted soil across the Site.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-A truck load of timber was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A2, A3, E1, E2, E3, C1, D1, D3, & D4

Samples Collected:

-Brinkerhoff collected one (1) soil sample from the base depth of Lift-1. The sample was submitted to the laboratory for SVOC and VOC analysis.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-Two (2) abandoned hydraulic lifts, identified as Lift-1 and Lift-2, were discovered while excavating along the western boundary of the Site in the location of the former garage. Holes at the top and bottom of Lift-1 were identified and residual hydraulic fluids were observed to be leaking from both holes. Lift-1 was relocated approximately fifteen (15) feet west along the western boundary and was covered with polyethylene sheeting. Lift-2 was identified approximately five (5) feet east of Lift-1 and was left in place.

-Additionally, Brinkerhoff screened the soil surrounding Lift-1 and some petroleum-like odors were observed; however, no elevated photoionization detector (PID) readings above background levels and no staining were observed. Brinkerhoff collected a soil sample at the base depth of Lift-1. Reference the Construction Map Sketch below for the approximate location of the hydraulic lifts.

Description of Upcoming Work Activities:

-Continue soil excavation throughout the Site.  
 -Continue installing SOE components.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
	—	—								
Total	136	3400								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the pile installation along the northern boundary of the Site, facing northwest.



Photo 2 –

View of the lagging installation along the east boundary of the Site, facing southeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the excavation area along E. 138<sup>th</sup> Street, facing west.



Photo 4 –

View of the hydraulic Lift-1, discovered while excavating in the western portion of the Site.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the bottom of  
Lift-1.



Photo 6 –

View of Lift-1 placed  
on and covered with  
polyethylene sheeting.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	TO 32		32-50		50-70		70-85	X	>85	
WIND	N 0-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/18/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

Inspector(s):

**Domani Inspector Company**  
Ziad Maad – Inspector  
Jonathan Jurvis – Inspector

Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent,  
Safety Officer  
Derek Lenin– Backhoe Operator/ Laborer  
Edwin– Security

Subcontractor(s):

**Environmental Bulkheading Corp.**  
Steven Kahn – Driller  
Rayon Walker – Laborer  
Phillip Stevens – Laborer  
Damian Banckwood – Laborer

Equipment on Site:

**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
John Deere Bobcat  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer

**Environmental Bulkheading Corp.**  
HD180B Grout Drill  
CAT314C CR Backhoe  
M9-1 Pile Drill  
Concrete EuroDrill

**GroundwaterTreatment and Technology, LLC**  
Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor excavated along the eastern boundary of the Site between approximately six (6) and eleven (11) feet below grade surface (bgs).
- The contractor continued lagging along the eastern boundary of the Site.

Equipment Delivered to Site:

- No equipment was delivered to the Site.

Equipment Removed From Site:

- No equipment was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: E1, E2, E3, D1, & D2

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities:

- Continue soil excavation throughout the Site.
- Continue installing SOE components.
- Continue dewatering operations.
- Pump, clean, and remove hydraulic lifts.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	—	—								
Total	136	3400								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the lagging installation and the excavation area along the east boundary of the Site, facing northeast.



Photo 2 –

View of the entire Site, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

Additional view of the Site, facing east.



Photo 4 –

View of the contractor applying water to the Site entrance.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50		50-70		70-85	X	>85	
WIND	NE 10-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/21/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
 Monica Norton – Geologist

Inspector(s):

**Domani Inspector Company**  
 Jonathan Jurvis – Inspector

Contractor:

**Lettire Construction Corp.**  
 Ratko Krneta – Construction Site Superintendent,  
 Safety Officer  
 Paddy Lavelle – Backhoe Operator/ Laborer  
 Edwin – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**  
 Steven Kahn – Driller  
 Rayon Walker – Laborer  
 Phillip Stevens – Laborer  
 Damian Banckwood – Laborer

Equipment on Site:

**Lettire Construction Corp.**  
 CAT 321C LCR Backhoe  
 John Deere Bobcat  
 900H Sullair Generator  
 Clean Force 1800 PSI Power Washer

**Environmental Bulkheading Corp.**  
 HD180B Drill  
 CAT314C CR Backhoe  
 M9-1 Pile Drill  
 Concrete EuroDrill

**Groundwater Treatment and Technology, LLC**  
 Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor continued excavating along the eastern boundary of the Site between approximately six (6) and eleven (11) feet below grade surface (bgs).
- The contractor directly loaded four (4) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- The contractor drilled foundation piles along the northern boundary of the Site and continued lagging along the eastern boundary of the Site.

Equipment Delivered to Site:

- HD180B Drill was delivered to the Site to be used for foundation pile installation.

Equipment Removed From Site:

- HD180B Grout Drill was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-A truck load of grout was delivered to the Site.

Material Removed From Site:

-Four (4) truck loads of non-hazardous soil were removed off-site and transported to Clean Earth of Carteret Facility in Carteret, New Jersey.

Working In Grid #s: B4, C4, D2, D3, D4, E1, E2, & E3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities:

-Continue soil excavation throughout the Site.  
 -Continue installing SOE components.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	4	100								
Total	140	3500								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the pile installation along the northern boundary of the Site, facing west.



Photo 2 –

View of the lagging installation along the east boundary of the Site, facing south.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the Site,  
facing west.



Photo 4 –

View of the contractor  
directly loading  
material for off-site  
disposal, facing west.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the contractor  
applying water to the  
Site entrance.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	NE 10-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/22/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**Domani Inspector Company**

Jonathan Jurvis – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent,  
Safety Officer

Derek Lenin – Backhoe Operator/ Laborer

Paddy Lavelle – Backhoe Operator/ Laborer

Tesean – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

**Clean Earth Inc.**

Chad E. Mazenko – Field Project Manager

Eliot Estevez – Technical Field Representative

Equipment on Site:**Lettire Construction Corp.**

CAT 321C LCR Backhoe

John Deere Bobcat

900H Sullair Generator

Clean Force 1800 PSI Power Washer

**Environmental Bulkheading Corp.**

HD180B Drill

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor continued excavating in the eastern portion of the Site between approximately six (6) and eleven (11) feet below grade surface (bgs).

-The contractor directly loaded five (5) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

-The contractor continued drilling foundation piles along the northern boundary of the Site and continued lagging along the eastern boundary of the Site.

-Clean Earth Inc. was on-site and performed additional waste classification sampling between five (5) and ten (10) feet bgs at two (2) different test-pit locations.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-Rebar was delivered to the Site.

Material Removed From Site:

-Five (5) truck loads of non-hazardous soil were removed off-site and transported to Clean Earth of Carteret Facility in Carteret, New Jersey.

Working In Grid #s: B3, B4, C3, C4, D2, D3, D4, E1, E2, & E3.

Samples Collected:

-Clean Earth collected two (2) additional waste classification samples.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities:

-Continue soil excavation throughout the Site.  
 -Continue installing SOE components.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	5	125								
Total	145	3625								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										



### Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Photographs of Work Performed:**

Photo 1 –

View of the pile installation along the northern boundary of the Site, facing west.



Photo 2 –

View of the lagging installation along the east boundary of the Site, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the excavation area in the eastern portion of the Site, facing northeast.



Photo 4 –

View of the contractor directly loading material for off-site disposal, facing southwest.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Sean Harrison

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	NE 10-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/23/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Sean Harrison – Geologist

Inspector(s):

**Domani Inspector Company**

Jonathan Jurvis – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent,  
Safety Officer

Derek Lenin – Backhoe Operator/ Laborer

Paddy Lavelle – Backhoe Operator/ Laborer

Tesean – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT 321C LCR Backhoe

John Deere Bobcat

900H Sullair Generator

Clean Force 1800 PSI Power Washer

**Environmental Bulkheading Corp.**

HD180B Drill

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor continued excavating in the southeastern portion of the Site between approximately six (6) and eleven (11) feet below grade surface (bgs) and in the northern portion of the Site between approximately five (5) and seven (7) feet below grade surface (bgs).

-The contractor directly loaded five (5) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

-The contractor continued drilling foundation piles along the northern and eastern boundary of the Site.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Five (5) truck loads of non-hazardous soil were removed off-site and transported to Clean Earth of Carteret Facility in Carteret, New Jersey.

Working In Grid #s: B3, B4, C3, C4, D2, D3, D4, E1, E2, & E3.

Samples Collected:

-None

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities:

-Continue soil excavation throughout the Site.  
 -Continue installing SOE components.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	5	125								
Total	150	3750								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

### Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Photographs of Work Performed:**

Photo 1 –

View of the pile installation along the northern boundary of the Site, facing northwest.



Photo 2 –

View of the contractor excavating in the southern portion of the Site, facing southwest.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the Site,  
facing east.



Photo 4 –

View of the pile  
installation along the  
eastern boundary of  
the Site, facing  
northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	TO 32		32-50		50-70		70-85	X	>85	
WIND	NE 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/24/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

Inspector(s):

**Domani Inspector Company**  
Jonathan Jurvis – Inspector

Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent,  
Safety Officer  
Derek Lenin – Backhoe Operator/ Laborer  
Paddy Lavelle – Backhoe Operator/ Laborer  
Edwin – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**  
Steven Kahn – Driller  
Rayon Walker – Laborer  
Phillip Stevens – Laborer  
Damian Banckwood – Laborer  
  
**Erlandsen-Crowell & Shaw, LLC**  
Andrew – SurveyorEquipment on Site:**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
John Deere Bobcat  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer**Environmental Bulkheading Corp.**  
HD180B Drill  
CAT314C CR Backhoe  
M9-1 Pile Drill  
Concrete EuroDrill**Groundwater Treatment and Technology, LLC**  
Dewatering Storage and Treatment TanksDescription of Work Performed:

- The contractor continued excavating in the eastern portion of the Site between approximately six (6) and eleven (11) feet below grade surface (bgs).
- The contractor directly loaded five (5) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- The contractor continued drilling foundation piles along the northern boundary of the Site.

Equipment Delivered to Site:

- No equipment was delivered to the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No equipment was delivered to the Site.

Material Removed From Site:

-Five (5) truck loads of non-hazardous soil were removed off-site and transported to Clean Earth of Carteret Facility in Carteret, New Jersey.

Working In Grid #s: B3, B4, C3, C4, D2, D3, D4, E1, E2, & E3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities:

-Continue soil excavation throughout the Site.  
 -Continue installing SOE components.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	5	125								
Total	155	3875								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										



### Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the pile installation along the northern boundary of the Site, facing southeast.



Photo 2 –

View of the excavation area in the southern portion of the Site, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing northwest.



Photo 4 –

View of one of the dewatering pumps in the south-central portion of the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	TO 32		32-50		50-70		70-85	X	>85	
WIND	NE 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/25/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**Domani Inspector Company**

Jonathan Jurvis – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent,  
Safety Officer

Derek Lenin – Backhoe Operator/ Laborer

Paddy Lavelle – Backhoe Operator/ Laborer

Edwin – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT 321C LCR Backhoe

John Deere Bobcat

900H Sullair Generator

Clean Force 1800 PSI Power Washer

**Environmental Bulkheading Corp.**

HD180B Drill

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**GroundwaterTreatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated along E. 138<sup>th</sup> Street between approximately five (5) and seven (7) feet below grade surface (bgs).

-The contractor continued drilling foundation piles along the northern boundary of the Site.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-A truck-load of piles was delivered to the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A4, B4, C1, C4, D1, D4.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

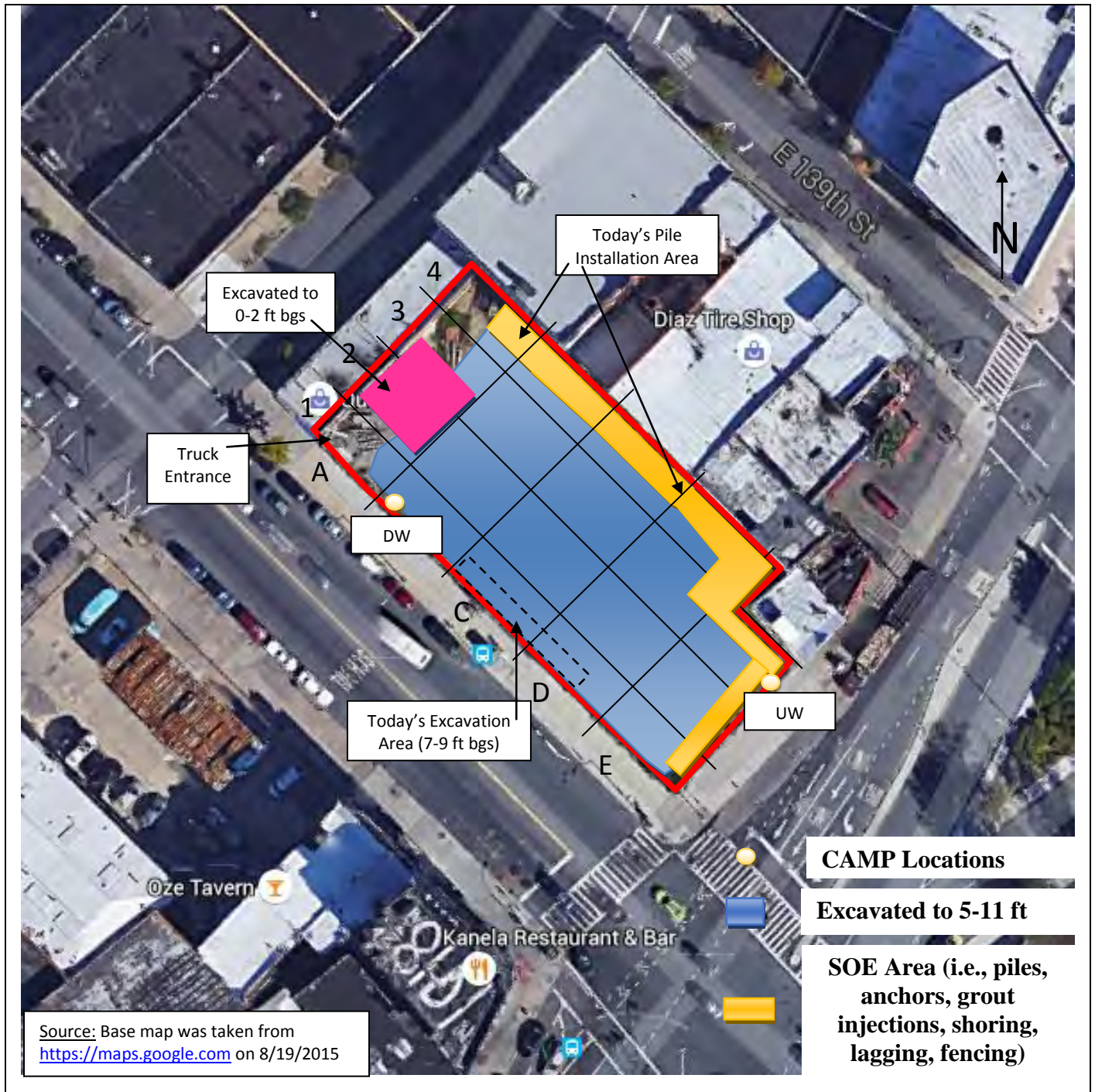
-None.

Description of Upcoming Work Activities:

-Continue soil excavation throughout the Site.  
-Continue installing SOE components.  
-Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	—	—								
Total	155	3875								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT  
Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Photographs of Work Performed:**

Photo 1 –

View of the pile installation along the northwest boundary of the Site.



Photo 2 –

View of the Site, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor applying water to the Site entrance.



Photo 4 –

View of one of the dewatering pumps in the south-central portion of the Site.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	TO 32		32-50		50-70		70-85	X	>85	
WIND	NNE 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/28/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

## Inspector(s):

**Domani Inspector Company**  
Jonathan Jurvis – Inspector  
Aaron Brown – Inspector

**FNA Inspection Services**

Jose Rodriguez – SOE Site Inspector

## Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent,  
Safety Officer  
Derek Lenin – Backhoe Operator/ Laborer  
Paddy Lavelle – Backhoe Operator/ Laborer  
Edwin – Security

## Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller  
Rayon Walker – Laborer  
Phillip Stevens – Laborer  
Damian Banckwood – Laborer

**Erlandsen-Crowell & Shaw, LLC**

Andrew – Surveyor

**Mercury Tank Cleaners**

Sammy – Cleaner  
Taz – Cleaner

Equipment on Site:**Lettire Construction Corp.**

CAT 321C LCR Backhoe  
John Deere Bobcat  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer

**Environmental Bulkheading Corp.**

HD180B Drill  
CAT314C CR Backhoe  
M9-1 Pile Drill  
Concrete EuroDrill

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor continued excavating in the eastern portion of the Site between approximately six (6) and nine (9) feet below grade surface (bgs).
- The contractor directly loaded six (6) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- The contractor drilled piles along the north and southeast boundary of the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

Description of Work Performed (cont.):

-Mercury Tank Cleaners was on-site and drained the hydraulic fluids from Lift-1 and Lift-2 into two (2) 55-gallon drums. The two (2) 55-gallon drums of hydraulic fluids were properly disposed off-site to Lorco Petroleum Services in Elizabeth, new Jersey. Mercury Tank Cleaners also cleaned the interior portions of the lifts and the lifts were removed off-site.

-Two (2) additional Underground Storage Tanks (USTs), identified as UST-18 and UST-19, were encountered while excavating in the area adjacent to Lift-2. Both USTs were observed to be heavily dented. A mix of water and product was observed to leaking from both USTs. Additionally, Brinkerhoff screened the soil within the vicinity of the USTs and petroleum-like odors, elevated photoionization detector (PID) readings, and stained soil were observed. The USTs were placed on polyethylene sheeting and Mercury Tank Cleaners cleaned both USTs. After both USTs were cleaned, the USTs were properly disposed off-site. Reference the Construction Map Sketch below for the approximate location of the USTs.

-BioSolve® Pinkwater vapor suppressant was applied throughout the day to areas of petroleum-impacted soil across the Site.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No equipment was delivered to the Site.

Material Removed From Site:

-Six (6) loads of non-hazardous soil were removed off-site and transported to Clean Earth of Carteret Facility in Carteret, New Jersey.

-Following the removal of the liquid contents and the completion of cleaning activities, UST-18, UST-19, Lift-1 and Lift-2 were removed from the Site.

Working In Grid #s: A4, B4, C1, C4, D1, D4.

Samples Collected:

-Brinkerhoff collected three (3) soil samples from the base depth of Lift-2, UST-18, and UST-19. The samples were submitted to the laboratory for SVOC and VOC analysis.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Description of Upcoming Work Activities:

- Continue soil excavation throughout the Site.
- Continue installing SOE components.
- Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	6	150								
Total	161	4025								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT  
Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Photographs of Work Performed:**

Photo 1 –

View of the pile installation along the E. 138<sup>th</sup> Street boundary of the Site, facing west.



Photo 2 –

View of the contractor directly loading material for off-site disposal.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor draining the hydraulic fluids from Lift-1 into a 55-gallon drum.



Photo 4 –

View of Lift-2 and the area where UST-18 and UST-19 were encountered.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the contractor draining the hydraulic fluids from Lift-2 into a 55-gallon drum.



Photo 6 –

View of UST-18 and UST-19 placed on polyethylene sheeting.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton=]

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50		50-70		70-85	X	>85	
WIND	SE 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/29/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

## Inspector(s):

**Domani Inspector Company**  
Jonathan Jurvis – Inspector  
Jake McDougall – Inspector

## Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent,  
Safety Officer  
Derek Lenin – Backhoe Operator/ Laborer  
Paddy Lavelle – Backhoe Operator/ Laborer  
Edwin – Security

## Subcontractor(s):

**Environmental Bulkheading Corp.**  
Steven Kahn – Driller  
Rayon Walker – Laborer  
Phillip Stevens – Laborer  
Damian Banckwood – LaborerEquipment on Site:**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer**Environmental Bulkheading Corp.**  
HD180B Drill  
CAT314C CR Backhoe  
M9-1 Pile Drill  
Concrete EuroDrill**Groundwater Treatment and Technology, LLC**  
Dewatering Storage and Treatment TanksDescription of Work Performed:

- The contractor directly loaded three (3) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- The contractor drilled piles along the north and southeast boundary of the Site.
- Dana Mecomber (NYSDEC) was on-site today.

Equipment Delivered to Site:

- No equipment was delivered to the Site.

Equipment Removed From Site:

- No equipment was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-A truck load of grout was delivered to the Site.

Material Removed From Site:

-Three (3) loads of non-hazardous soil were removed off-site and transported to Clean Earth of Carteret Facility in Carteret, New Jersey.

Working In Grid #s: A4, B4, C1, C4, D1, E1

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities:

-Continue soil excavation throughout the Site.  
 -Continue installing SOE and foundation components.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	3	75								
Total	164	4100								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT  
Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the pile installation along the E. 138<sup>th</sup> Street boundary of the Site, facing northwest.



Photo 2 –

View of the site entrance, facing east.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the pile installation along the north boundary, facing east.



Photo 4 –

View of the entire Site, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain	X	Overcast		Partly Cloudy		Bright Sun	
TEMP.	TO 32		32-50		50-70		70-85	X	>85	
WIND	SSW 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/30/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**Domani Inspector Company**

Aaron Brown – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent,  
Safety Officer

Derek Lenin – Backhoe Operator/ Laborer

Paddy Lavelle – Backhoe Operator/ Laborer

Edwin – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT 321C LCR Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

**Environmental Bulkheading Corp.**

HD180B Drill

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor drilled foundation piles along the northeast boundary of the Site.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: D3, D4, E3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was only performed until 09:22 and there were no VOC or PM-10 exceedances. CAMP was not performed for the remainder of the day due to inclement weather (i.e. rain). No visible dust was observed.

Problems Encountered:

-None.

Description of Upcoming Work Activities:

-Continue drilling foundation piles.

-Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	—	—								
Total	164	4100								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT  
Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the pile installation along the northeast boundary of the Site, facing northwest.



Photo 2 –

View of the entire Site, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	NNW 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/06/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**Domani Inspector Company**

Yousouff Boubba– Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent,  
Safety Officer

Derek Lenin – Backhoe Operator/ Laborer

Paddy Lavelle – Backhoe Operator/ Laborer

Edwin – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT 321C LCR Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

**Environmental Bulkheading Corp.**

HD180B Drill

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil along the E. 138<sup>th</sup> Street boundary of the Site to approximately seven (7) feet below grade surface (bgs).

-The contractor installed lagging and drilled piles along the E. 138<sup>th</sup> Street boundary.

-The contractor directly loaded three (3) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

-BioSolve® Pinkwater vapor suppressant was applied to areas of petroleum-impacted soil across the Site.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-A truck load of timber was delivered to the Site.

Material Removed From Site:

-Three (3) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: B1, C1, D1, and E1.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

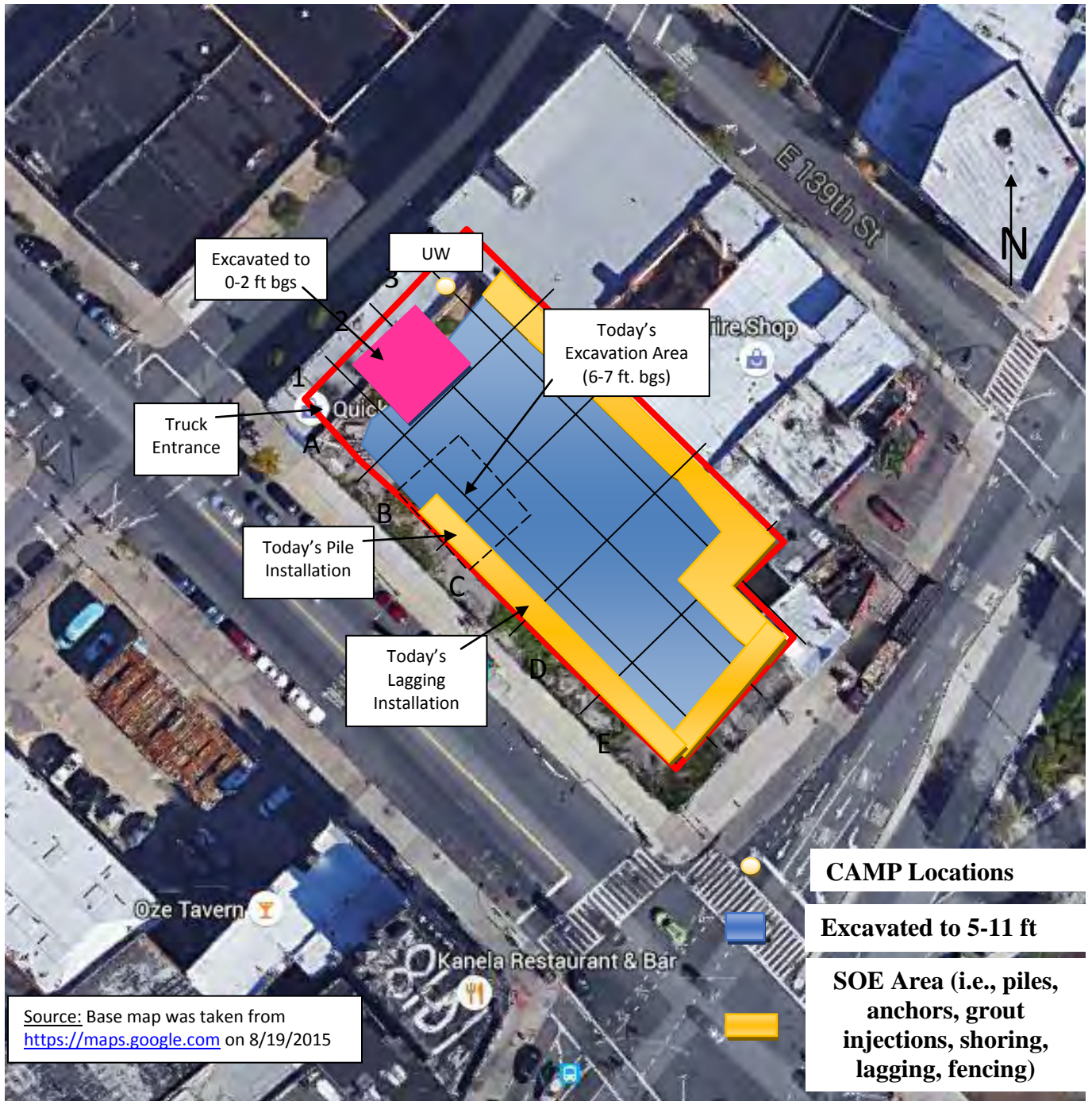
Description of Upcoming Work Activities:

-Continue soil excavation throughout the Site.  
 -Continue installing SOE and foundation components.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	3	75								
Total	167	4175								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



### Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the pile installation along E. 138<sup>th</sup> Street, facing west.



Photo 2 –

View of the lagging installation along E. 138<sup>th</sup> Street, facing southwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the excavation area in the southwest portion of the Site, facing northwest.



Photo 4 –

View of the contractor applying BioSolve® Pinkwater vapor suppressant to the petroleum-impacted soil.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the entire Site,  
facing west.



Photo 6 –

View of the contractor  
directly loading  
material for off-site  
disposal, facing  
northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	NE 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/07/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**GES-PC**

Yousseuff Boubaa– Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent,  
Safety Officer

Derek Lenin – Backhoe Operator/ Laborer

Paddy Lavelle – Backhoe Operator/ Laborer

Edwin – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT 321C LCR Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

**Environmental Bulkheading Corp.**

HD180B Drill

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil along the E. 138<sup>th</sup> Street boundary of the Site between approximately seven (7) and twelve (12) feet below grade surface (bgs).

-The contractor installed lagging and drilled piles along the E. 138<sup>th</sup> Street boundary.

-The contractor directly loaded ten (10) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-A truck load of metal was delivered to the Site.

Material Removed From Site:

-Ten (10) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: B1, B2, C1, C2, D1, D2, E1 and E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

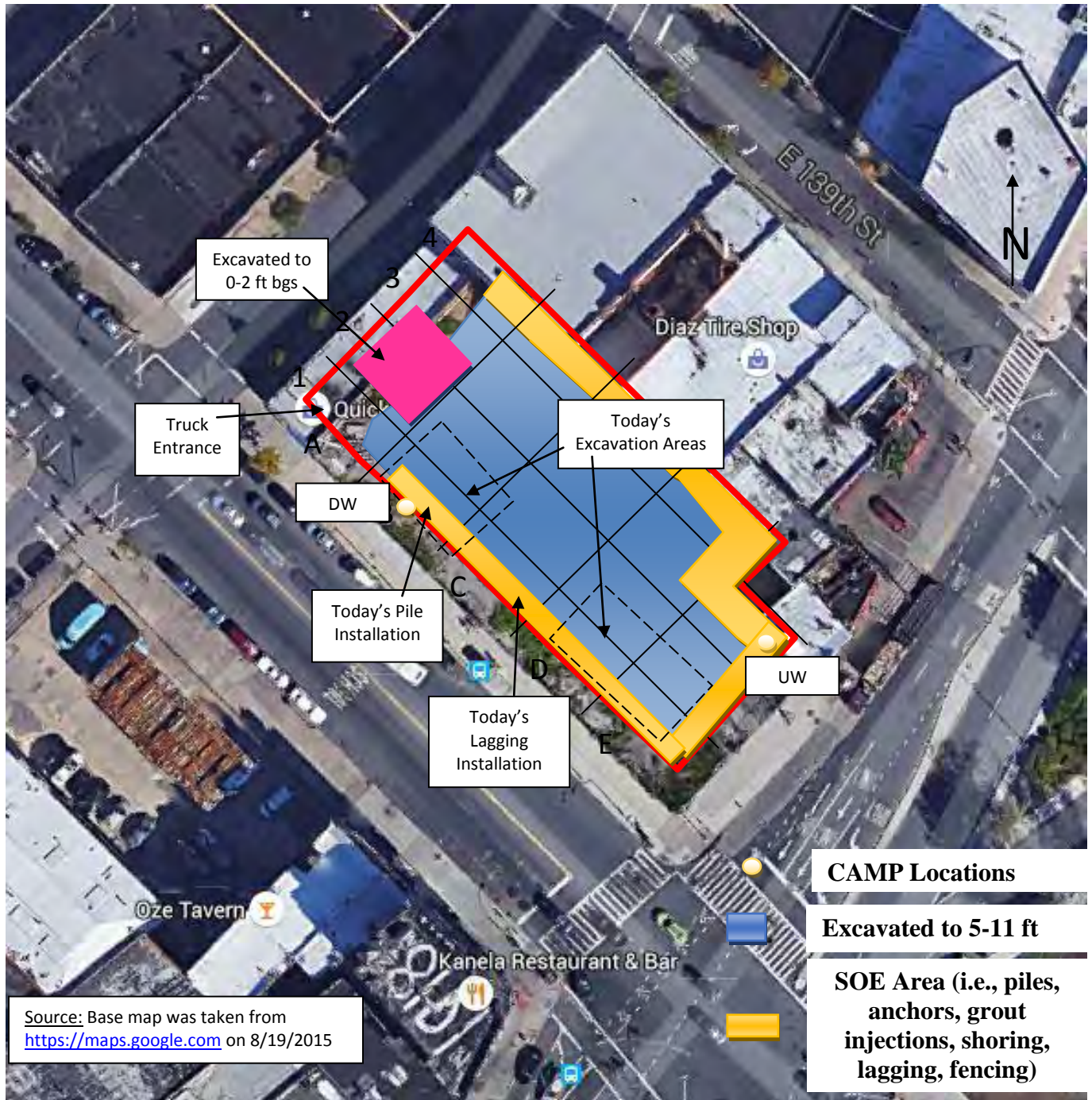
Description of Upcoming Work Activities:

-Continue soil excavation throughout the Site.  
 -Continue installing SOE and foundation components.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	10	250								
Total	177	4425								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT  
Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the pile installation along E. 138<sup>th</sup> Street, facing west.



Photo 2 –

View of the lagging installation along E. 138<sup>th</sup> Street, facing southwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing west.



Photo 4 –

View of the entire Site, facing west.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the contractor  
applying water to the  
Site entrance.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	N 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/08/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

## Inspector(s):

**GES-PC**  
Youssouff Boubaa – Inspector**Domani Inspector Company**  
Aaron Brown – Inspector

## Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent,  
Safety Officer  
Derek Lenin – Backhoe Operator/ Laborer  
Paddy Lavelle – Backhoe Operator/ Laborer  
Edwin – Security

## Subcontractor(s):

**Environmental Bulkheading Corp.**  
Steven Kahn – Driller  
Rayon Walker – Laborer  
Phillip Stevens – Laborer  
Damian Banckwood – LaborerEquipment on Site:**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer**Environmental Bulkheading Corp.**HD180B Drill  
CAT314C CR Backhoe  
M9-1 Pile Drill  
Concrete EuroDrill**Groundwater Treatment and Technology, LLC**  
Dewatering Storage and Treatment TanksDescription of Work Performed:

- The contractor excavated soil in the eastern portion of the Site between approximately seven (7) and twelve (12) feet below grade surface (bgs).
- The contractor drilled piles along the E. 138<sup>th</sup> Street boundary and injected grout and installed rebar in the piles along the northeast boundary of the Site.
- The contractor directly loaded ten (10) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-A truck load of grout was delivered to the Site.

Material Removed From Site:

-Ten (10) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: B1, B2, C1, C2, D1, D2, D3, E1, E2 and E3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities:

- Continue soil excavation in the eastern portion of the Site.
- Remove 10 loads of soil to Clean Earth of Carteret Facility in Carteret, NJ.
- Continue installing SOE and foundation components.
- Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	10	250								
Total	187	4675								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT  
Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of today's excavation area in the eastern portion of the Site.



Photo 2 –

View of the grout injection and rebar installation in the piles along the northeast boundary of the Site, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing west.

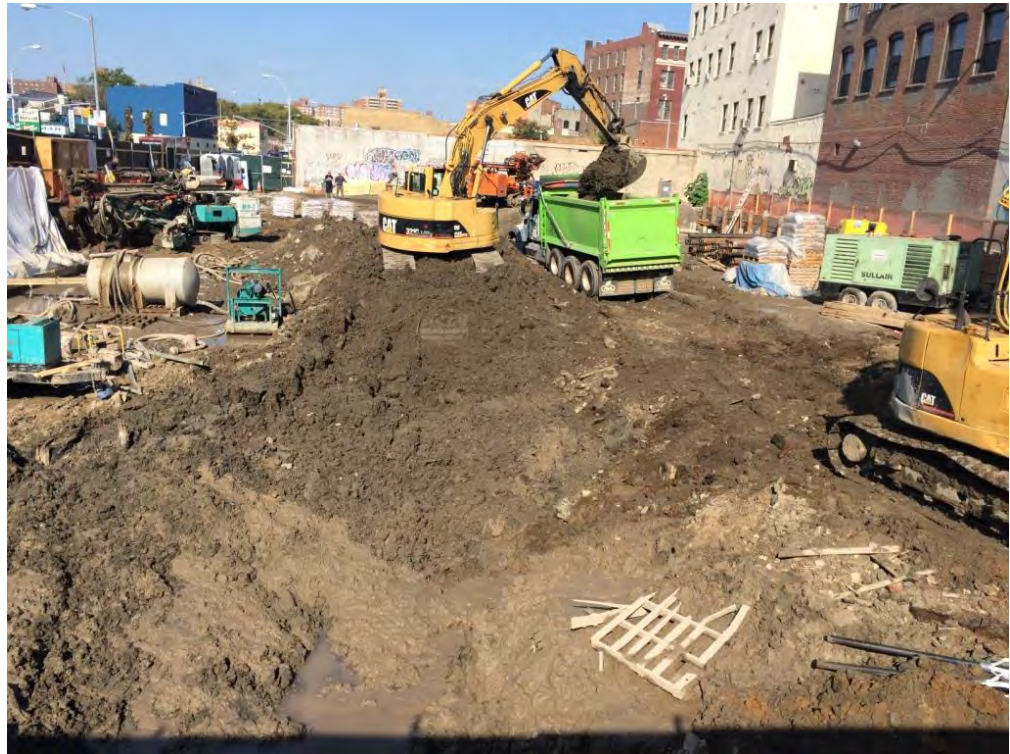
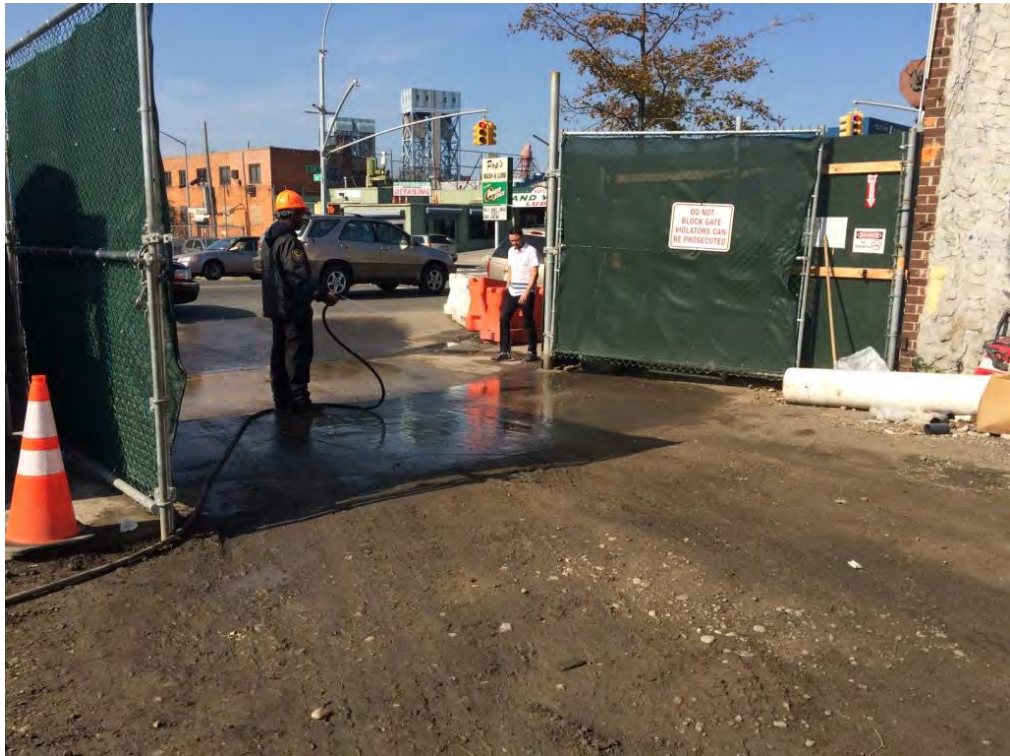


Photo 4 –

View of the contractor applying water to the Site entrance.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	S 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/09/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

## Inspector(s):

**GES-PC**  
Yousouff Boubaa – Inspector

**Domani Inspector Company**  
Aaron Brown – Inspector

**Erlandsen-Crowell & Shaw, LLC**  
Andrew – Surveyor

## Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent,  
Safety Officer  
Derek Lenin – Backhoe Operator/ Laborer  
Paddy Lavelle – Backhoe Operator/ Laborer  
Edwin – Security

## Subcontractor(s):

**Environmental Bulkheading Corp.**  
Steven Kahn – Driller  
Rayon Walker – Laborer  
Phillip Stevens – Laborer  
Damian Banckwood – Laborer

Equipment on Site:

**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer

**Environmental Bulkheading Corp.**  
HD180B Drill  
CAT314C CR Backhoe  
M9-1 Pile Drill  
Concrete EuroDrill

**Groundwater Treatment and Technology, LLC**  
Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor excavated soil in the eastern portion of the Site between approximately seven (7) and twelve (12) feet below grade surface (bgs).
- The contractor injected grout into the piles along the E. 138<sup>th</sup> Street boundary
- The contractor directly loaded seven (7) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

-No equipment was delivered to the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Seven (7) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: B1, D1, D2, D3, E1, E2 and E3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Monday, October 12, 2015):

-Continue soil excavation in the eastern portion of the Site.  
-Remove 5 loads of soil to Clean Earth of Carteret Facility in Carteret, NJ.  
-Continue installing SOE and foundation components.  
-Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	7	175								
Total	194	4850								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of today's excavation area in the eastern portion of the Site, facing northwest.



Photo 2 –

View of the grout injection in the piles along the E. 138<sup>th</sup> Street boundary of the Site, facing southeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing northwest.



Photo 4 –

View of the contractor applying water to the Site entrance.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	S 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/12/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

## Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

## Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent,  
Safety Officer

Derek Lenin – Backhoe Operator/ Laborer

Paddy Lavelle – Backhoe Operator/ Laborer

Edwin – Security

## Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT 321C LCR Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

**Environmental Bulkheading Corp.**

HD180B Drill

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil in the eastern portion of the Site between approximately seven (7) and twelve (12) feet below grade surface (bgs).

-The contractor installed lagging along the western portion of the E. 138<sup>th</sup> Street boundary.

-The contractor directly loaded fourteen (14) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Fourteen (14) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: B1, C1, C2, D1 & D2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tuesday, October 13, 2015):

-Continue soil excavation in the eastern portion of the Site.  
 -Remove 15 loads of soil to Clean Earth of Carteret Facility in Carteret, NJ.  
 -Continue lagging along the E. 138<sup>th</sup> Street boundary.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	14	350								
Total	208	5200								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT  
Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of today's excavation area in the eastern portion of the Site, facing west.



Photo 2 –

View of the lagging installation along the western portion of the E. 138<sup>th</sup> Street boundary of the Site.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing northwest.



Photo 4 –

View of the contractor applying water to the truck tires prior to leaving the site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	S 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/13/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

Inspector(s):

No inspectors were on-site today

Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent,  
Safety Officer  
Derek Lenin – Backhoe Operator/ Laborer  
Paddy Lavelle – Backhoe Operator/ Laborer  
Edwin – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**  
Steven Kahn – Driller  
Rayon Walker – Laborer  
Phillip Stevens – Laborer  
Damian Banckwood – LaborerEquipment on Site:**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer**Environmental Bulkheading Corp.**  
HD180B Drill  
CAT314C CR Backhoe  
M9-1 Pile Drill  
Concrete EuroDrill**Groundwater Treatment and Technology, LLC**  
Dewatering Storage and Treatment TanksDescription of Work Performed:

- The contractor excavated soil in the central portion of the Site and along E. 138<sup>th</sup> Street between approximately seven (7) and twelve (12) feet below grade surface (bgs).
- The contractor continued to install lagging along the western portion of the E. 138<sup>th</sup> Street boundary.
- The subcontractor installed a fence along the entire northern boundary of the Site.
- The contractor directly loaded seventeen (17) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- BioSolve® Pinkwater vapor suppressant was applied to areas of petroleum-impacted soil along the western portion of the E. 138<sup>th</sup> Street boundary.

Equipment Delivered to Site:

- No equipment was delivered to the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-A truck load of timber was delivered to the Site.

Material Removed From Site:

-Seventeen (17) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: B1, C1, C2, D1 & D2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Wednesday, October 14, 2015):

-Continue soil excavation in the eastern and central portions of the Site.  
 -Remove 20 loads of soil to Clean Earth of Carteret Facility in Carteret, NJ.  
 -Continue lagging along the E. 138<sup>th</sup> Street boundary.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	14	350								
Total	222	5550								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT  
Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the Site,  
facing northwest.



Photo 2 –

View of the lagging  
installation along the  
E. 138<sup>th</sup> Street  
boundary of the Site,  
facing southeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing north.



Photo 4 –

View of the contractor excavating in the central portion of the site, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	NW 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/14/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

Inspector(s):

No inspectors were on-site today

Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent,  
Safety Officer  
Derek Lenin – Backhoe Operator/ Laborer  
Paddy Lavelle – Backhoe Operator/ Laborer  
Edwin – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**  
Steven Kahn – Driller  
Rayon Walker – Laborer  
Phillip Stevens – Laborer  
Damian Banckwood – LaborerEquipment on Site:**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer**Environmental Bulkheading Corp.**  
HD180B Drill  
CAT314C CR Backhoe  
Concrete EuroDrill**Groundwater Treatment and Technology, LLC**  
Dewatering Storage and Treatment TanksDescription of Work Performed:

- The contractor excavated soil in the central portion of the Site and along E. 138<sup>th</sup> Street between approximately eight (8) and fourteen (14) feet below grade surface (bgs).
- The contractor continued to install lagging along the western portion of the E. 138<sup>th</sup> Street boundary.
- The subcontractor continued to install fencing along the entire northern boundary of the Site.
- The contractor imported approximately thirty (30) cubic yards of two (2) to three (3)-inch recycled concrete aggregate (RCA) and applied the RCA to the site entrance ramp.
- The contractor directly loaded twenty (20) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

- No equipment was delivered to the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Removed From Site:

-The M9-1 Pile Drill was removed from the Site.

Material Delivered to Site:

-A truck load of metal was delivered to the Site.  
 -Approximately thirty (30) cubic yards of two (2) to three (3)-inch RCA were imported to the Site from the New York Recycling, LLC Facility located at 475 Exterior Street, Bronx, New York.

Material Removed From Site:

-Twenty (20) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: B1, C1, C2, D1, D2, E1 & E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Thursday, October 15, 2015):

-Continue soil excavation in the eastern and central portions of the Site.  
 -Remove 15 loads of soil to Clean Earth of Carteret Facility in Carteret, NJ.  
 -Continue lagging along the E. 138<sup>th</sup> Street boundary.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	20	500								
Total	248	6200								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the excavation area along the E. 138<sup>th</sup> Street boundary, facing northwest.



Photo 2 –

View of the lagging installation along the E. 138<sup>th</sup> Street boundary of the Site, facing south.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing west.



Photo 4 –

View of the contractor excavating in the central portion of the Site and along the E. 138<sup>th</sup> Street boundary.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the imported  
RCA at the site  
entrance area.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	WNW 10-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/15/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

Inspector(s):

No inspectors were on-site today

Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent,  
Safety Officer  
Derek Lenin – Backhoe Operator/ Laborer  
Paddy Lavelle – Backhoe Operator/ Laborer  
Edwin – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**  
Steven Kahn – Driller  
Rayon Walker – Laborer  
Phillip Stevens – Laborer  
Damian Banckwood – LaborerEquipment on Site:**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer**Environmental Bulkheading Corp.**  
HD180B Drill  
CAT314C CR Backhoe  
Concrete EuroDrill**Groundwater Treatment and Technology, LLC**  
Dewatering Storage and Treatment TanksDescription of Work Performed:

- The contractor excavated soil in the central portion of the Site and along the eastern boundary between approximately ten (10) and fourteen (14) feet below grade surface (bgs).
- The contractor continued to install lagging along the E. 138<sup>th</sup> Street boundary and the eastern boundary of the Site.
- The contractor directly loaded fifteen (15) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Fifteen (15) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: B1, C1, C2, D1, D2, E1 & E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Friday, October 16, 2015):

-Continue soil excavation in the eastern and central portions of the Site.  
 -Remove 15 loads of soil to Clean Earth of Carteret Facility in Carteret, NJ.  
 -Continue lagging along the E. 138<sup>th</sup> Street boundary and eastern boundary of the Site.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	15	375								
Total	263	6575								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the excavation area.



Photo 2 –

View of the lagging installation along the eastern boundary of the Site, facing southeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing northwest.



Photo 4 –

View of the contractor excavating along the eastern boundary of the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the site  
entrance ramp, facing  
southeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	WSW 10-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/16/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

No inspectors were on-site today

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent,  
Safety Officer

Derek Lenin – Backhoe Operator/ Laborer

Paddy Lavelle – Backhoe Operator/ Laborer

Edwin – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT 321C LCR Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

**Environmental Bulkheading Corp.**

HD180B Drill

CAT314C CR Backhoe

Concrete EuroDrill

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil in the central and eastern portions of the Site between approximately eight (8) and fourteen (14) feet below grade surface (bgs).

-The contractor continued to install lagging along the eastern and E. 138<sup>th</sup> Street boundaries of the Site.

-The contractor directly loaded seven (7) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-Approximately 100 cubic yards of three (3) to five (5)-inch stone was delivered to the Site from the Hamburg Quarry located in Hamburg, New Jersey.

Material Removed From Site:

-Seven (7) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: B1, C1, C2, D1, D2, E1 & E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Monday, October 19, 2015):

-Continue soil excavation in the eastern and central portions of the Site.  
 -Remove 15 loads of soil to Clean Earth of Carteret Facility in Carteret, NJ.  
 -Continue lagging along the E. 138<sup>th</sup> Street boundary and eastern boundary of the Site.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	7	175								
Total	270	6750								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the excavation area in the northeast corner of the Site, facing northeast.



Photo 2 –

View of the lagging installation in the southeast corner of the Site, facing southeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing northwest.



Photo 4 –

View of the entire Site, facing northwest.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the contractor  
unloading the stone.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	TO 32		32-50	X	50-70		70-85		>85	
WIND	WNW 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/19/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

Inspector(s):

No inspectors were on-site today

Contractor:

**Lettire Construction Corp.**  
Derek Lenin – Backhoe Operator/ Laborer  
Paddy Lavelle – Backhoe Operator/ Laborer  
Edwin – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**  
Steven Kahn – Driller  
Rayon Walker – Laborer  
Phillip Stevens – Laborer  
Damian Banckwood – LaborerEquipment on Site:**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer**Environmental Bulkheading Corp.**  
HD180B Drill  
CAT314C CR Backhoe  
Concrete EuroDrill**GroundwaterTreatment and Technology, LLC**  
Dewatering Storage and Treatment TanksDescription of Work Performed:

- The contractor excavated soil in the southeast portion of the Site to approximately fifteen (15) feet below grade surface (bgs). The contractor applied a geosynthetic membrane on top of the excavated area and applied three (3) to five (5)-inch stone on top of the membrane.
- The contractor continued to install lagging along the northern and E. 138<sup>th</sup> Street boundaries of the Site.
- The contractor installed a waler along the northern boundary of the Site.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

- A truck load of timber was delivered to the Site.
- A geosynthetic membrane was delivered to the Site.

Material Removed From Site:

- No material was removed from the Site.

Working In Grid #s: A1, A4, B1, B4, C1, C2, C4, D1, D2 & D4.

Samples Collected:

-Brinkerhoff collected five (5) Endpoint Samples (EP-1 through EP-5) at the base of excavation in the southeast portion of the Site. The samples were submitted to the laboratory for full Target Compound List (TCL)/ Target Analyte List (TAL) analyses. Reference the Construction Map Sketch for approximate Endpoint Sample locations.

Community Air Monitoring Plan (CAMP):

-CAMP was performed; however, the Dust Trak was malfunctioning. There were no VOC exceedances and fugitive dust was not observed during excavation activities. The Dust Trak was sent back to the manufacturer for repairs.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tuesday, October 20, 2015):

- Continue soil excavation in the central portion of the Site.
- Continue lagging along the E. 138<sup>th</sup> Street boundary and northern boundary of the Site.
- Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	—	—								
Total	270	6750								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the base of excavation area in the southeast corner of the Site, facing northeast.



Photo 2 –

View of the lagging installation along the E. 138<sup>th</sup> Street boundary of the Site.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the entire Site,  
facing northwest.



Photo 4 –

View of the  
geosynthetic  
membrane and stone  
applied on top of the  
base of excavation  
area in the southeast  
portion of the site,  
facing northeast.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the waler installation along the northern boundary of the site, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50	X	50-70		70-85		>85	
WIND	SW 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/20/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

## Inspector(s):

No inspectors were on-site today

## Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent,  
Safety Officer  
Derek Lenin – Backhoe Operator/ Laborer  
Paddy Lavelle – Backhoe Operator/ Laborer  
Edwin – Security

## Subcontractor(s):

**Environmental Bulkheading Corp.**  
Steven Kahn – Driller  
Rayon Walker – Laborer  
Phillip Stevens – Laborer  
Damian Banckwood – Laborer  
  
**Erlandsen-Crowell & Shaw, LLP**  
Andrew – SurveyorEquipment on Site:**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer**Environmental Bulkheading Corp.**  
HD180B Drill  
CAT314C CR Backhoe  
Concrete EuroDrill**GroundwaterTreatment and Technology, LLC**  
Dewatering Storage and Treatment TanksDescription of Work Performed:

- The contractor excavated soil in the central portion of the Site between approximately eight (8) and fourteen (14) feet below grade surface (bgs).
- The contractor continued to install lagging along the northern and eastern boundaries of the Site.

Equipment Delivered to Site:

- No equipment was delivered to the Site.

Equipment Removed From Site:

- No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: C1, C2, C4, D2 & E4.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Wednesday, October 21, 2015):

-Continue lagging along the E. 138<sup>th</sup> Street boundary, eastern boundary, and northern boundary of the Site.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	—	—								
Total	270	6750								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT  
Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating in the central portion of the Site, facing northeast.



Photo 2 –

View of the lagging installation along the eastern boundary of the Site, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the entire Site,  
facing north.



Photo 4 –

View of the lagging  
installation along the  
northern boundary of  
the Site, facing east.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	SW 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/22/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Jon Kraus – Environmental Scientist

## Inspector(s):

No inspectors were on-site today

## Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent,  
Safety Officer

Derek Lenin – Backhoe Operator/ Laborer

Paddy Lavelle – Backhoe Operator/ Laborer

Edwin – Security

## Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

**Department of Transportation**

Lubo – Inspector

Equipment on Site:**Lettire Construction Corp.**

CAT 321C LCR Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

**Environmental Bulkheading Corp.**

HD180B Drill

CAT314C CR Backhoe

Concrete EuroDrill

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor excavated soil in the central portion of the Site between approximately twelve (12) and fifteen (15) feet below grade surface (bgs).
- The contractor continued to install lagging along the eastern boundary and continued to install walers along the northern boundary of the Site.
- The contractor applied a geosynthetic membrane on top of the excavated area and applied three (3) to five (5)-inch stone on top of the membrane.
- The contractor directly loaded nineteen (19) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

- No equipment was delivered to the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Nineteen (19) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: C1, C2, D1, D4, B1 & E3.

Samples Collected:

-Brinkerhoff collected two (2) Endpoint Samples (EP-6 and EP-7) at the base of excavation in the central portion of the Site. The samples were submitted to the laboratory for full Target Compound List (TCL)/ Target Analyte List (TAL) analyses. Reference the Construction Map Sketch for approximate Endpoint Sample locations.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Friday, October 23, 2015):

-Continue lagging along the eastern boundary of the Site and installing walers along the northern boundary of the Site.  
 -Continue excavating in the central portion of the site.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	19	475								
Total	289	7225								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating in the central portion of the Site, facing north.



Photo 2 –

View of the lagging installation along the eastern boundary of the Site, facing south.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing north.



Photo 4 –

View of the geosynthetic membrane and stone applied on top of the base of excavation area in the southeast portion of the site, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the contractor  
cleaning the trucks  
with water prior to  
exiting the site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	NW 10-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/23/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

No inspectors were on-site today

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent,  
Safety Officer

Derek Lenin – Backhoe Operator/ Laborer

Paddy Lavelle – Backhoe Operator/ Laborer

Edwin – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT 321C LCR Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

**Environmental Bulkheading Corp.**

HD180B Drill

CAT314C CR Backhoe

Concrete EuroDrill

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil in the western portion of the Site between approximately twelve (12) and fourteen (14) feet below grade surface (bgs).

-The contractor continued to install lagging along the eastern boundary and continued to install piles along the northeastern boundary of the Site.

-The contractor applied a geosynthetic membrane on top of the excavated area and applied three (3) to five (5)-inch stone on top of the membrane.

-The contractor directly loaded nine (9) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Material Delivered to Site:

-Approximately 125 cubic yards of three (3) to five (5) inches stone was delivered to the Site from the Hamburg Quarry located in Hamburg, New Jersey.

Material Removed From Site:

-Nine (9) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: B1, B2, C1, C2, D1, D2, E1, E2 & E3.

Samples Collected:

-Brinkerhoff collected two (2) Endpoint Samples (EP- 8 and EP-9) at the base of excavation in the eastern portion of the Site and along the E. 138<sup>th</sup> Street sidewall of the Site. The samples were submitted to the laboratory for full Target Compound List (TCL)/ Target Analyte List (TAL) analyses. Reference the Construction Map Sketch for approximate Endpoint Sample locations.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Monday, October 26, 2015):

-Continue lagging and pile installation along the northern boundary of the Site.  
-Continue excavating in the western portion of the site.  
-Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	9	225								
Total	298	7450								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

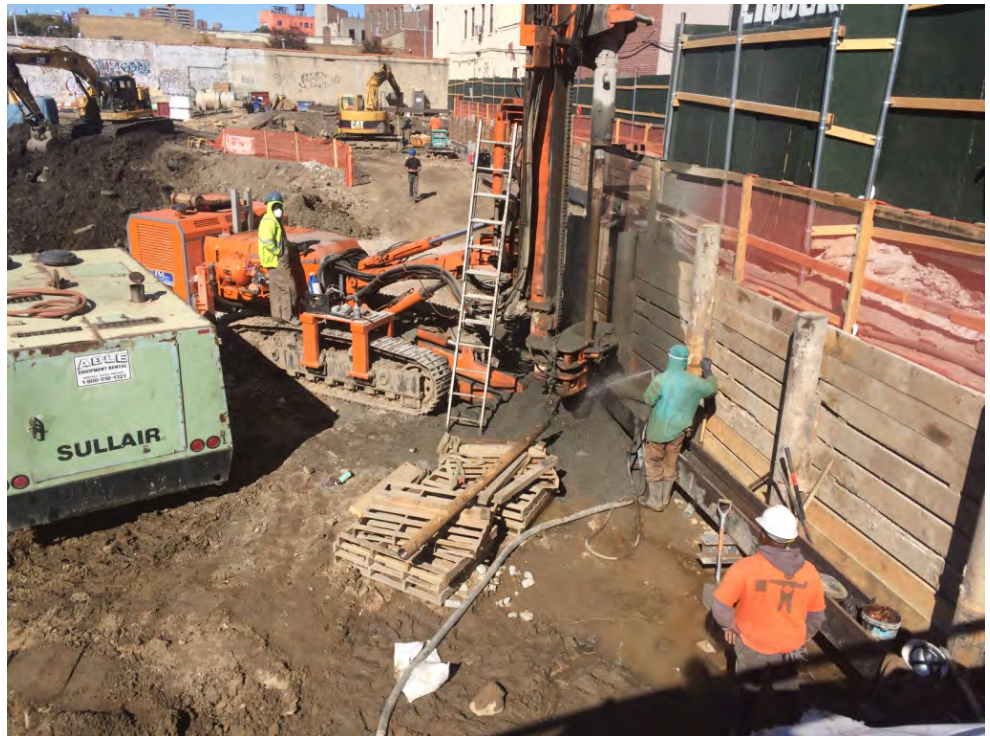
Photo 1 –

View of the contractor excavating in the western portion of the Site, facing north.



Photo 2 –

View of the pile installation along the northern boundary of the Site, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing north.



Photo 4 –

View of the contractor applying the geosynthetic membrane and stone to the top of the excavation area in the southeast portion of the site, facing southeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the three (3) to five (5) inch stone imported from the Hamburg Quarry.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	N 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/26/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

## Inspector(s):

**GES-PC**  
Yousouff Boubaa – Inspector**Domani Inspector Company**  
James Hand – Inspector

## Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent,  
Safety Officer  
Derek Lenin – Backhoe Operator/ Laborer  
Paddy Lavelle – Backhoe Operator/ Laborer  
Edwin – Security  
Nick Lettire – Owner

## Subcontractor(s):

**Environmental Bulkheading Corp.**  
Steven Kahn – Driller  
Rayon Walker – Laborer  
Phillip Stevens – Laborer  
Damian Banckwood – LaborerEquipment on Site:**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer**Environmental Bulkheading Corp.**  
HD180B Drill  
CAT314C CR Backhoe  
Concrete EuroDrill**GroundwaterTreatment and Technology, LLC**  
Dewatering Storage and Treatment TanksDescription of Work Performed:

- The contractor excavated soil in the western portion of the Site between approximately twelve (12) and fourteen (14) feet below grade surface (bgs).
- The contractor continued to install piles and grout along the northeast boundary of the Site.
- The contractor applied the geosynthetic membrane on top of the excavated area and applied three (3) to five (5)-inch stone on top of the membrane.
- The contractor directly loaded seven (7) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

- No equipment was delivered to the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Seven (7) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: B1, B2, C1, C2, D1, D2, E1, E2 & E3.

Samples Collected:

-Brinkerhoff collected one (1) Endpoint Sample (EP- 10) along the E. 138<sup>th</sup> Street sidewall of the Site. The sample was submitted to the laboratory for full Target Compound List (TCL)/ Target Analyte List (TAL) analyses. Reference the Construction Map Sketch for approximate Endpoint Sample location.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Monday, October 26, 2015):

-Continue pile installation along the northern boundary of the Site.  
-Continue excavating in the western and northeastern portions of the Site.  
-Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	7	175								
Total	305	7625								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating in the western portion of the Site, facing north.



Photo 2 –

View of the pile installation along the northern boundary of the Site, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing north.



Photo 4 –

View of the entire Site, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	N 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/26/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

## Inspector(s):

**GES-PC**  
Yousouff Boubaa – Inspector**Domani Inspector Company**  
James Hand – Inspector

## Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent,  
Safety Officer  
Derek Lenin – Backhoe Operator/ Laborer  
Paddy Lavelle – Backhoe Operator/ Laborer  
Edwin – Security  
Nick Lettire – Owner

## Subcontractor(s):

**Environmental Bulkheading Corp.**  
Steven Kahn – Driller  
Rayon Walker – Laborer  
Phillip Stevens – Laborer  
Damian Banckwood – LaborerEquipment on Site:**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer**Environmental Bulkheading Corp.**  
HD180B Drill  
CAT314C CR Backhoe  
Concrete EuroDrill**GroundwaterTreatment and Technology, LLC**  
Dewatering Storage and Treatment TanksDescription of Work Performed:

- The contractor excavated soil in the western portion of the Site between approximately twelve (12) and fourteen (14) feet below grade surface (bgs).
- The contractor continued to install piles and grout along the northeast boundary of the Site.
- The contractor applied the geosynthetic membrane on top of the excavated area and applied three (3) to five (5)-inch stone on top of the membrane.
- The contractor directly loaded seven (7) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

- No equipment was delivered to the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Seven (7) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: B1, B2, C1, C2, D1, D2, E1, E2 & E3.

Samples Collected:

-Brinkerhoff collected one (1) Endpoint Sample (EP- 10) along the E. 138<sup>th</sup> Street sidewall of the Site. The sample was submitted to the laboratory for full Target Compound List (TCL)/ Target Analyte List (TAL) analyses. Reference the Construction Map Sketch for approximate Endpoint Sample location.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Monday, October 26, 2015):

-Continue pile installation along the northern boundary of the Site.  
 -Continue excavating in the western and northeastern portions of the Site.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	7	175								
Total	305	7625								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating in the western portion of the Site, facing north.



Photo 2 –

View of the pile installation along the northern boundary of the Site, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing north.



Photo 4 –

View of the entire Site, facing north.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	N 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/27/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

## Inspector(s):

No inspectors were on-site today.

## Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent,  
Safety Officer  
Derek Lenin – Backhoe Operator/ Laborer  
Paddy Lavelle – Backhoe Operator/ Laborer  
Edwin – Security

## Subcontractor(s):

**Environmental Bulkheading Corp.**  
Steven Kahn – Driller  
Rayon Walker – Laborer  
Phillip Stevens – Laborer  
Damian Banckwood – LaborerEquipment on Site:**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer**Environmental Bulkheading Corp.**  
HD180B Drill  
CAT314C CR Backhoe  
Concrete EuroDrill**GroundwaterTreatment and Technology, LLC**  
Dewatering Storage and Treatment TanksDescription of Work Performed:

- The contractor excavated soil in the northeast portion of the Site between approximately eight (8) and fifteen (15) feet below grade surface (bgs).
- The contractor continued to install walers along the northeast boundary of the Site.
- The contractor directly loaded fourteen (14) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Fourteen (14) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: D3, D4, & E3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Thursday, October 28, 2015):

-Continue excavating in the northeastern and western portions of the Site.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	14	350								
Total	319	7975								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating in the northeast portion of the Site, facing northeast.



Photo 2 –

View of the water installation along the northeast boundary of the Site, facing east.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing north.



Photo 4 –

View of the entire Site, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain	X	Overcast		Partly Cloudy		Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	E 15-20 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/28/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

## Inspector(s):

No inspectors were on-site today.

## Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent,  
Safety Officer  
Derek Lenin – Backhoe Operator/ Laborer  
Paddy Lavelle – Backhoe Operator/ Laborer  
Edwin – Security

## Subcontractor(s):

**Environmental Bulkheading Corp.**  
Steven Kahn – Driller  
Rayon Walker – Laborer  
Phillip Stevens – Laborer  
Damian Banckwood – LaborerEquipment on Site:**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer**Environmental Bulkheading Corp.**  
HD180B Drill  
CAT314C CR Backhoe  
Concrete EuroDrill**Groundwater Treatment and Technology, LLC**  
Dewatering Storage and Treatment TanksDescription of Work Performed:

- The contractor continued to install walers along the north boundary of the Site.
- The contractor applied a geosynthetic membrane and three (3) to five (5)-inch stone on top of the excavated area in the northeast portion of the site.

Equipment Delivered to Site:

- No equipment was delivered to the Site.

Equipment Removed From Site:

- No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Material Delivered to Site:

-Steel was delivered to the Site.  
-Approximately 150 cubic yards of three (3) to five (5)-inch stone was imported to the Site from the Hamburg Quarry located in Hamburg, New Jersey.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: B4, C1, C2, C3, C4, D1, D2, D3, D4, E1, E2 & E3.

Samples Collected:

-Brinkerhoff collected one (1) Endpoint Sample (EP-11) at the base of excavation in the central portion of the Site. The sample was submitted to the laboratory for full Target Compound List (TCL)/ Target Analyte List (TAL) analyses. Reference the Construction Map Sketch for the approximate Endpoint Sample location.

Community Air Monitoring Plan (CAMP):

-CAMP was not performed due to inclement weather (i.e. rain); however, no visible dust was observed throughout the day.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Thursday, October 29, 2015):

-Continue excavating in the northeastern and western portions of the Site.  
-Continue dewatering operations.  
-Continue waler installation along the northern boundary of the Site.  
-Remove 20 loads of soil to Clean Earth of Carteret Facility in Carteret, NJ.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	—	—								
Total	319	7975								

\* = cubic yard totals are approximate since countersigned manifests have yet to been received



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the 3"-5" stone that was imported from the Hamburg Quarry.



Photo 2 –

View of the waler installation along the northern boundary of the Site.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor excavating in the eastern portion of the site, facing south.



Photo 4 –

View of the contractor applying the geosynthetic membrane and stone in the northeast portion of the site, facing southwest.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the entire Site,  
facing north





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	SW 15-20 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/29/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:  <b>Brinkerhoff Environmental Services, Inc.</b> Monica Norton – Geologist	Inspector(s):  No inspectors were on-site today.
Contractor:  <b>Lettire Construction Corp.</b> Ratko Krneta – Construction Site Superintendent, Safety Officer Derek Lenin – Backhoe Operator/ Laborer Paddy Lavelle – Backhoe Operator/ Laborer Edwin – Security	Subcontractor(s):  <b>Environmental Bulkheading Corp.</b> Steven Kahn – Driller Rayon Walker – Laborer Phillip Stevens – Laborer Damian Banckwood – Laborer

Equipment on Site:

<b>Lettire Construction Corp.</b> CAT 321C LCR Backhoe 900H Sullair Generator Clean Force 1800 PSI Power Washer	<b>Environmental Bulkheading Corp.</b> HD180B Drill CAT314C CR Backhoe Concrete EuroDrill  <b>GroundwaterTreatment and Technology, LLC</b> Dewatering Storage and Treatment Tanks
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Description of Work Performed:

- The contractor excavated soil in the northeast portion of the Site between approximately twelve (12) and fourteen (14) feet below grade surface (bgs).
- The contractor continued to install walers along the northern boundary of the Site.
- The contractor applied a geosynthetic membrane and three (3) to five (5)-inch stone on top of the excavated area in the central portion of the site.
- The contractor directly loaded ten (10) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

- No equipment was delivered to the Site.

Equipment Removed From Site:

- No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Material Delivered to Site:

-Approximately 125 cubic yards of three (3) to five (5)-inch stone was imported to the Site from the Hamburg Quarry located in Hamburg, New Jersey.

Material Removed From Site:

-Ten (10) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: B4, C1, C2, C3, C4, D1, D2, D3, D4, E1, E2 & E3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

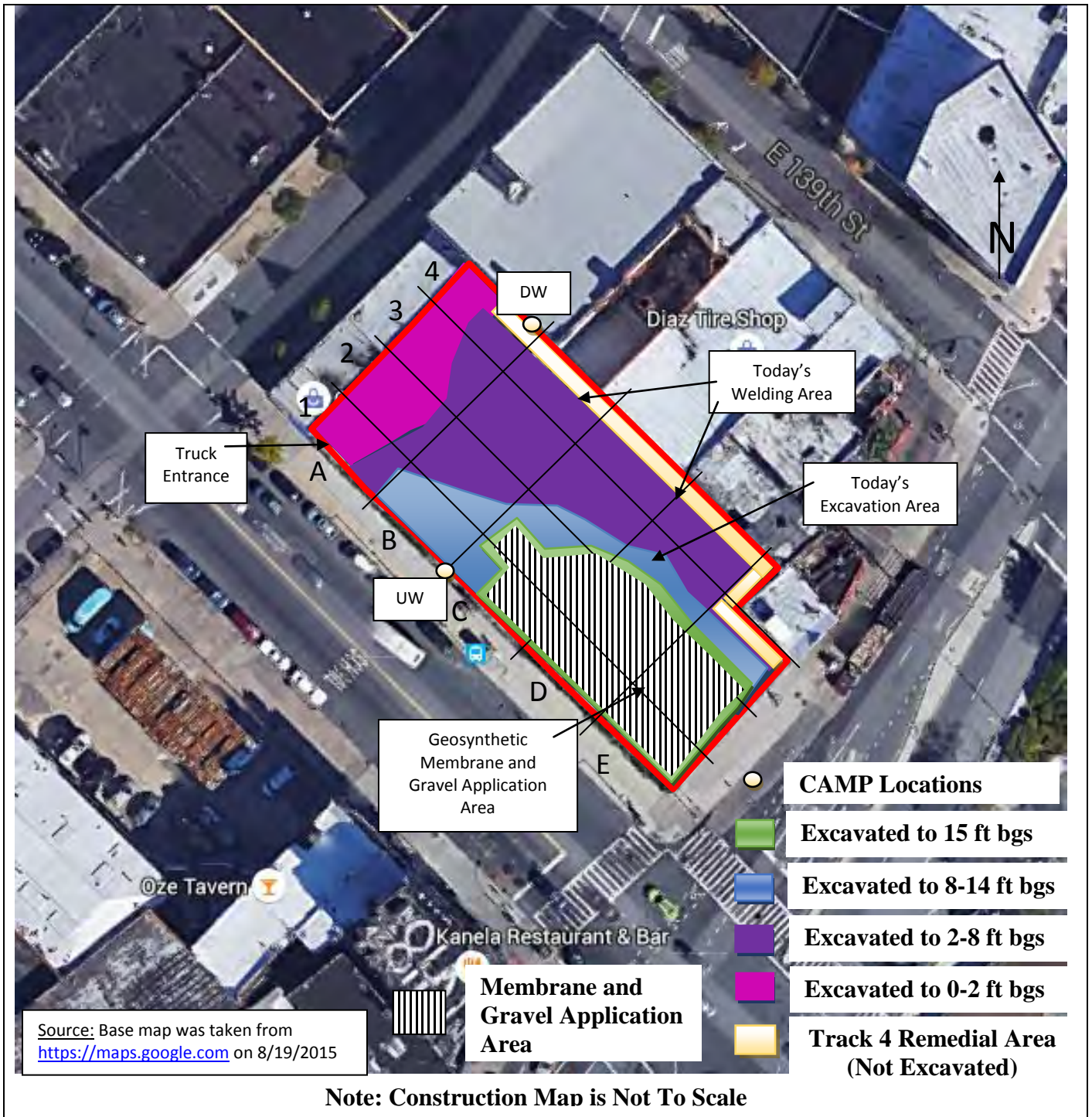
Description of Upcoming Work Activities (Friday, October 30, 2015):

-Continue excavating in the northeastern and western portions of the Site.  
-Continue dewatering operations.  
-Continue with the waler installation along the northern boundary of the Site.  
-Remove 12 loads of soil to Clean Earth of Carteret Facility in Carteret, NJ.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	10	250								
Total	329	8225								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating in the northeastern portion of the Site.



Photo 2 –

View of the water installation along the northern boundary of the Site.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor applying stone in the central portion of the site, facing northeast.



Photo 4 –

View of the contractor loading excavated material for off-site disposal, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the contractor cleaning the trucks on-site with water prior to exiting the site.



Photo 6 –

View of the entire Site, facing southeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	SW 15-20 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/29/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

No inspectors were on-site today.

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent,  
Safety Officer

Derek Lenin – Backhoe Operator/ Laborer

Paddy Lavelle – Backhoe Operator/ Laborer

Edwin – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT 321C LCR Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

**Environmental Bulkheading Corp.**

HD180B Drill

CAT314C CR Backhoe

Concrete EuroDrill

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil in the northeast portion of the Site between approximately twelve (12) and fourteen (14) feet below grade surface (bgs).

-The contractor continued to install walers along the northern boundary of the Site.

-The contractor applied a geosynthetic membrane and three (3) to five (5)-inch stone on top of the excavated area in the central portion of the site.

-The contractor directly loaded ten (10) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Material Delivered to Site:

-Approximately 125 cubic yards of three (3) to five (5)-inch stone was imported to the Site from the Hamburg Quarry located in Hamburg, New Jersey.

Material Removed From Site:

-Ten (10) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: B4, C1, C2, C3, C4, D1, D2, D3, D4, E1, E2 & E3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

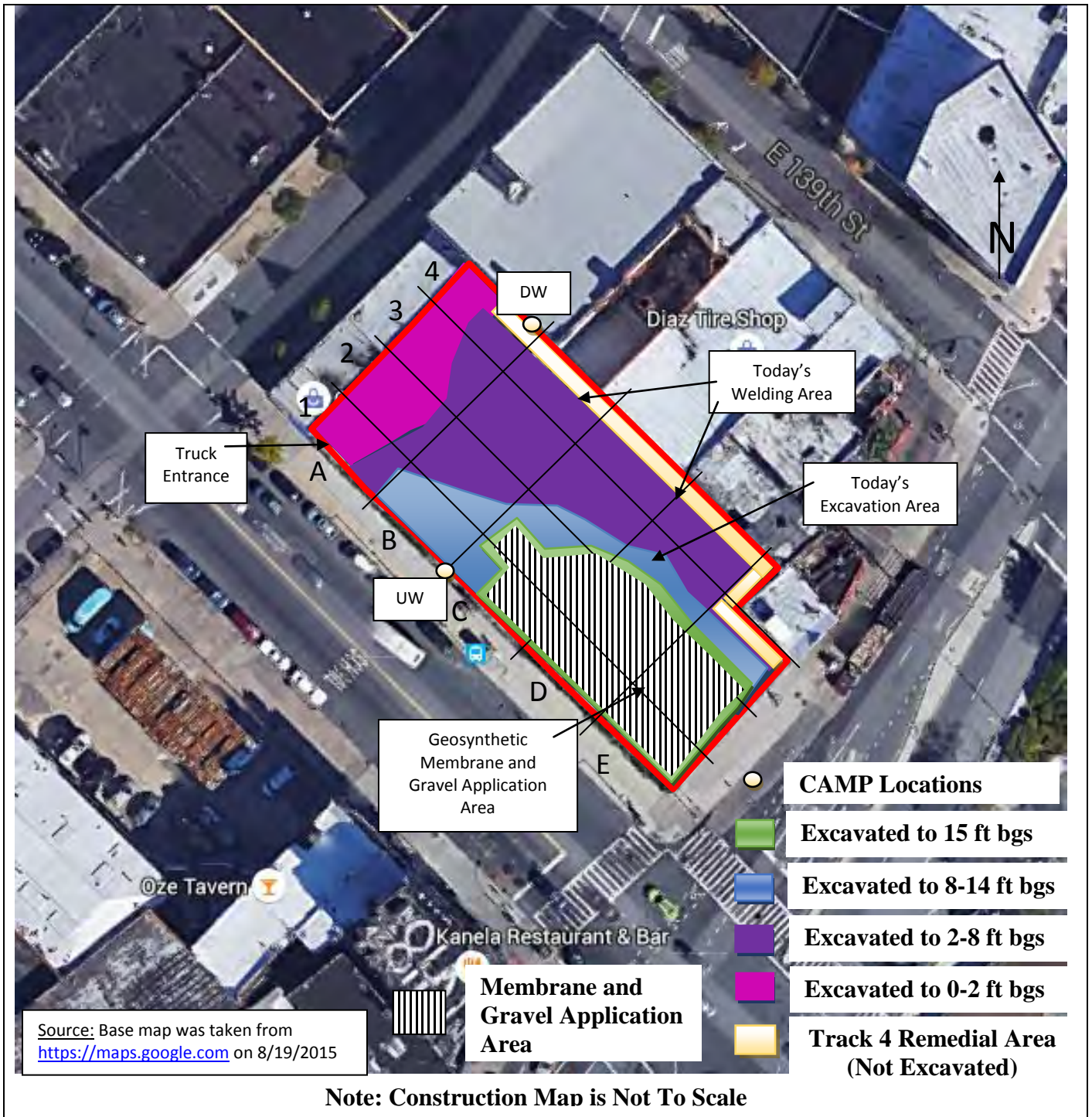
Description of Upcoming Work Activities (Friday, October 30, 2015):

-Continue excavating in the northeastern and western portions of the Site.  
-Continue dewatering operations.  
-Continue with the water installation along the northern boundary of the Site.  
-Remove 12 loads of soil to Clean Earth of Carteret Facility in Carteret, NJ.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	10	250								
Total	329	8225								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating in the northeastern portion of the Site.



Photo 2 –

View of the water installation along the northern boundary of the Site.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor applying stone in the central portion of the site, facing northeast.



Photo 4 –

View of the contractor loading excavated material for off-site disposal, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the contractor cleaning the trucks on-site with water prior to exiting the site.



Photo 6 –

View of the entire Site, facing southeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	WNW 15-20 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/30/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

## Inspector(s):

No inspectors were on-site today.

## Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent,  
Safety Officer  
Derek Lenin – Backhoe Operator/ Laborer  
Paddy Lavelle – Backhoe Operator/ Laborer  
Edwin – Security

## Subcontractor(s):

**Environmental Bulkheading Corp.**  
Steven Kahn – Driller  
Rayon Walker – Laborer  
Phillip Stevens – Laborer  
Damian Banckwood – Laborer  
  
**Erlandsen-Crowell & Shaw, LLP**  
Andrew – SurveyorEquipment on Site:**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer**Environmental Bulkheading Corp.**  
HD180B Drill  
CAT314C CR Backhoe**Groundwater Treatment and Technology, LLC**  
Dewatering Storage and Treatment TanksDescription of Work Performed:

- The contractor excavated soil in the western and north-central portions of the Site between approximately ten (10) and fourteen (14) feet below grade surface (bgs).
- The contractor continued to install walers along the northern boundary of the Site.
- The contractor directly loaded eighteen (18) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- Dana Mecomber (NYSDEC) was on-site today.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-The EuroDrill was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT****Material Delivered to Site:**

-Approximately 25 cubic yards of three (3) to five (5)-inch stone were imported to the Site from the Hamburg Quarry located in Hamburg, New Jersey.

**Material Removed From Site:**

-Eighteen (18) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.  
-Grout was removed from the Site.

Working In Grid #s: B1, B2, C3, D3 & D4.

**Samples Collected:**

-Brinkerhoff collected one (1) Endpoint Sample (EP-12) at the base of excavation in the central portion of the Site. The sample was submitted to the laboratory for full Target Compound List (TCL)/ Target Analyte List (TAL) analyses. Reference the Construction Map Sketch for the approximate Endpoint Sample location.

**Community Air Monitoring Plan (CAMP):**

-CAMP was performed and there were no VOC or PM-10 exceedances.

**Problems Encountered:**

-None.

**Description of Upcoming Work Activities (Monday, November 2, 2015):**

-Continue excavating in the north-central and western portions of the Site.  
-Continue dewatering operations.  
-Continue the waler installation along the northern boundary of the Site.  
-Remove 15 loads of soil to Clean Earth of Carteret Facility in Carteret, NJ.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	18	450								
Total	347	8675								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**



**Note: Construction Map Is Not To Scale**



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating in the western portion of the Site.



Photo 2 –

View of the water installation along the northern boundary of the Site.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing north.



Photo 4 –

View of the Site, facing southeast.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	WNW 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	11/2/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

Inspector(s):

No inspectors were on-site today.

Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent,  
Safety Officer  
Derek Lenin – Backhoe Operator/ Laborer  
Paddy Lavelle – Backhoe Operator/ Laborer  
Edwin – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**  
Steven Kahn – Driller  
Rayon Walker – Laborer  
Phillip Stevens – Laborer  
Damian Banckwood – LaborerEquipment on Site:**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer**Environmental Bulkheading Corp.**  
HD180B Drill  
CAT314C CR Backhoe**Groundwater Treatment and Technology, LLC**  
Dewatering Storage and Treatment TanksDescription of Work Performed:

- The contractor excavated soil in the western and north-central portions of the Site between approximately eight (8) and fourteen (14) feet below grade surface (bgs).
- The contractor began installing pile caps along the eastern boundary of the Site.
- The contractor directly loaded sixteen (16) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed the Site.

Material Delivered to Site:

-No material was delivered to the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Removed From Site:

-Sixteen (16) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: B1, B2, C3, D3 & D4.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tuesday, November 3, 2015):

-Continue excavating in the eastern portion of the Site.  
 -Continue dewatering operations.  
 -Continue the pile cap installation along the eastern boundary of the Site.  
 -Remove 5 loads of soil to Clean Earth of Carteret Facility in Carteret, NJ.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	16	400								
Total	363	9075								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT  
Construction Map Sketch



Note: Construction Map Is Not To Scale



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating in the western portion of the Site.



Photo 2 –

View of the pile cap installation along the eastern boundary of the Site.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing north.



Photo 4 –

View of the Site, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC S

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	NW 0-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	11/03/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist

## Inspector(s):

No inspectors were on-site today.

## Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent,  
Safety Officer  
Derek Lenin – Backhoe Operator/ Laborer  
Paddy Lavelle – Backhoe Operator/ Laborer  
Edwin – Security

## Subcontractor(s):

**Environmental Bulkheading Corp.**  
Steven Kahn – Driller  
Rayon Walker – Laborer  
Phillip Stevens – Laborer  
Damian Banckwood – Laborer  
  
**Erlandsen-Crowell & Shaw, LLP**  
Andrew – SurveyorEquipment on Site:**Lettire Construction Corp.**  
CAT 321C LCR Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer  
LANDA 3500 PSI Power Washer**Environmental Bulkheading Corp.**  
HD180B Drill  
CAT314C CR Backhoe  
  
**GroundwaterTreatment and Technology, LLC**  
Dewatering Storage and Treatment TanksDescription of Work Performed:

- The contractor excavated soil in the central portion of the Site between approximately eight (8) and fifteen (15) feet below grade surface (bgs).
- The contractor applied a geosynthetic membrane on top of the excavated area and applied three (3) to five (5)-inch stone on top of the membrane.
- The contractor prepared for pile installation.

Equipment Delivered to Site:

- No equipment was delivered to the Site.

Equipment Removed From Site:

- The LANDA 3500 PSI High Pressure Power Washer was delivered to the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: B2, B3, C2, C3, D2 & D3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Wednesday, November 4, 2015):

- Continue excavating in the central and western portions of the Site.
- Continue dewatering operations.
- Remove 5 loads of soil to Clean Earth of Carteret Facility in Carteret, NJ.
- Begin applying ORC (Oxygen Release Compound) in the western portion of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	—	—								
Total	363	9075								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating in the western portion of the Site.



Photo 2 –

View of the contractor using the new LANDA 3500 PSI Power Washer to apply the BioSolve ® Pinkwater vapor suppressant to the petroleum-impacted soil.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor excavating in the central portion of the site, facing northeast.



Photo 4 –

View of the Site, facing north.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	NNE 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	11/04/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Sean Harrison – Geologist

## Inspector(s):

**GES-PC**

Youssouff Boubaa – Inspector

## Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent,  
Safety Officer

Derek Lenin – Backhoe Operator/ Laborer

Paddy Lavelle – Backhoe Operator/ Laborer

Edwin – Security

## Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

**Erlandsen-Crowell & Shaw, LLP**

Andrew – Surveyor

Equipment on Site:**Lettire Construction Corp.**

CAT 321C LCR Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Environmental Bulkheading Corp.**

HD180B Drill

CAT314C CR Backhoe

M9-1 Pile Drill

**GroundwaterTreatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil in the western portion of the Site to approximately fifteen (15) feet below grade surface (bgs).

-The contractor began applying the Oxygen Release Compound (ORC) Advanced® Pellets to the western portion of the Site. Reference the Construction Map Sketch below for the approximate ORC application extent.

-The contractor applied a geosynthetic membrane on top of the excavated area and applied three (3) to five (5)-inch stone on top of the membrane.

-The contractor began to install foundation piles along the eastern boundary.

-The contractor directly loaded six (6) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Delivered to Site:

-The M9-1 Pile Drill was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-Approximately 100 cubic yards of three (3) to five (5)-inch stone was imported to the Site from the Hamburg Quarry located in Hamburg, New Jersey.

Material Removed From Site:

-Six (6) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: B1, B2, C1, C2, E21 & E2.

Samples Collected:

-Brinkerhoff collected two (2) Endpoint Samples (EP- 13 and EP-9b) in the western portion of the Site. The samples were submitted to the laboratory for full Target Compound List (TCL)/ Target Analyte List (TAL) analyses. Reference the Construction Map Sketch below for approximate Endpoint Sample locations.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Thursday, November 5, 2015):

-Continue excavating in the western portion of the Site.  
 -Continue dewatering operations.  
 -Remove 5 loads of soil to Clean Earth of Carteret Facility in Carteret, NJ.  
 -Continue applying ORC Advanced® Pellets in the western portion of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	6	150								
Total	369	9225								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor applying the BioSolve<sup>®</sup> Pinkwater vapor suppressant while excavating in the western portion of the Site.



Photo 2 –

View of the contractor excavating and grading the western portion of the site prior to the ORC Application.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

Close-up view of the  
ORC Advanced®  
Pellets.



Photo 4 –

View of the contractor manually applying the  
ORC Advanced®  
Pellets at the base of  
excavation in the  
western portion of the  
Site.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the contractor applying the BioSolve<sup>®</sup> Pinkwater vapor suppressant to the excavation area while loading material for off-site disposal.



Photo 6 –

View of the contractor drilling piles along the eastern boundary of the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 7 –

View of the contractor cleaning the trucks with water prior to exiting the site.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	SW 0-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	11/05/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent,  
Safety Officer

Derek Lenin – Backhoe Operator/ Laborer

Paddy Lavelle – Backhoe Operator/ Laborer

Edwin – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT 321C LCR Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Environmental Bulkheading Corp.**

HD180B Drill

CAT314C CR Backhoe

M9-1 Pile Drill

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil in the western portion of the Site between approximately four (4) and ten (10) feet below grade surface (bgs).

-The contractor continued to install foundation piles along the eastern boundary and 138<sup>th</sup> Street boundary of the site. Additionally, the contractor continued welding along the northern boundary of the site.

-The contractor directly loaded five (5) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-Approximately 100 cubic yards of three (3) to five (5)-inch stone was imported to the Site from the Hamburg Quarry located in Hamburg, New Jersey.

Material Removed From Site:

-Five (5) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: A2, A3, B2, B3, C3, D1, D3, E1, E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Friday, November 6, 2015):

-Continue excavating in the western portion of the Site.  
 -Continue dewatering operations.  
 -Remove 5 loads of soil to Clean Earth of Carteret Facility in Carteret, NJ.  
 -Continue applying ORC Advanced® Pellets in the western portion of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
	5	125								
Total	374	9350								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor applying the BioSolve® Pinkwater vapor suppressant in the western portion of the Site.



Photo 2 –

View of the contractor excavating in the western portion of the Site.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the Site,  
facing west.



Photo 4 –

View of the contractor  
installing piles along  
the E. 138<sup>th</sup> Street  
boundary.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	SW 10-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	11/06/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**GES-PC**

Youssouff Boubaa – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent,  
Safety Officer

Derek Lenin – Backhoe Operator/ Laborer

Paddy Lavelle – Backhoe Operator/ Laborer

Edwin – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

**Erlandsen-Crowell & Shaw, LLP**

Andrew – Surveyor

Equipment on Site:**Lettire Construction Corp.**

CAT 321C LCR Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Environmental Bulkheading Corp.**

HD180B Drill

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**GroundwaterTreatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil in the northern portion of the Site between approximately zero (0) and seven (7) feet below grade surface (bgs).

-The contractor continued to install foundation piles along the 138<sup>th</sup> Street boundary.

-The contractor continued welding along the northern boundary of the site.

-The contractor directly loaded fourteen (14) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

-The Concrete EuroDrill was delivered to the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-A truck load of grout was delivered to the Site.

Material Removed From Site:

-Fourteen (14) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: A3, A4, B2, D1, E1

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Monday, November 9, 2015):

-Continue excavating in the northern portion of the Site.  
 -Continue dewatering operations.  
 -Remove 5 loads of soil to Clean Earth of Carteret Facility in Carteret, NJ.  
 -Continue applying ORC Advanced® Pellets in the western portion of the Site.  
 -Continue drilling piles and injecting grout along the E. 138<sup>th</sup> Street boundary.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	14	350								
Total	388	9700								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating in the northern portion of the Site, facing south.



Photo 2 –

View of the contractor clearing soil from the top of the truck prior to exiting the Site.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal.



Photo 4 –

View of the contractor drilling piles along E. 138<sup>th</sup> Street.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the contractor cleaning a disposal truck with water prior to exiting the site.



Photo 6 –

View of the excavation area at the end of the day.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	SW 0-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	11/09/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**GES-PC**

Mike Torino – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent,  
Safety Officer

Derek Lenin – Backhoe Operator/ Laborer

Paddy Lavelle – Backhoe Operator/ Laborer

Edwin – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

**Erlandsen-Crowell & Shaw, LLP**

Andrew – Surveyor

Equipment on Site:**Lettire Construction Corp.**

CAT 321C LCR Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Environmental Bulkheading Corp.**

HD180B Drill

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**GroundwaterTreatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil in the northern portion of the Site between approximately two (2) and ten (10) feet below grade surface (bgs).

-The contractor continued to install foundation piles along the 138<sup>th</sup> Street boundary.

-The contractor directly loaded three (3) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Three (3) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: A2, A3, B2, B3, D1, E1

Samples Collected:

-Brinkerhoff collected three (3) Endpoint Samples (EP-14, EP-15, and EP-16) in the central portion of the Site. The samples were submitted to the laboratory for full Target Compound List (TCL)/ Target Analyte List (TAL) analyses. Reference the Construction Map Sketch below for approximate Endpoint Sample locations.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tuesday, November 10, 2015):

-Continue excavating in the northern portion of the Site.  
 -Continue dewatering operations.  
 -Remove 10 loads of soil to Clean Earth of Carteret Facility in Carteret, NJ.  
 -Continue applying ORC Advanced® Pellets in the western portion of the Site.  
 -Continue drilling piles and injecting grout along the E. 138<sup>th</sup> Street boundary.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	3	75								
Total	391	9775								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating in the northern portion of the Site, facing north.



Photo 2 –

View of the contractor applying the BioSolve<sup>®</sup> Pinkwater vapor suppressant while excavating the petroleum-impacted soil in the northern portion of the site.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing north.



Photo 4 –

View of the contractor drilling piles along E. 138<sup>th</sup> Street.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the contractor cleaning a disposal truck with water prior to exiting the site.



Photo 6 –

View of the Site, facing west.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain	X	Overcast		Partly Cloudy		Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	ENE 10-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	11/10/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent,  
Safety Officer

Derek Lenin – Backhoe Operator/ Laborer

Paddy Lavelle – Backhoe Operator/ Laborer

Edwin – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT 321C LCR Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

T300 Bobcat

**Environmental Bulkheading Corp.**

HD180B Drill

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil in the northern portion of the Site between approximately two (2) and twelve (12) feet below grade surface (bgs).

-The contractor continued to install foundation piles along the 138<sup>th</sup> Street boundary and in the central portion of the Site.

-The contractor directly loaded eleven (11) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-The T300 Bobcat was delivered to the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Eleven (11) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: A2, A3, B2, B3, D1, D2, E1, & E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was not performed due to inclement weather (i.e. rain); however, no visible dust was observed throughout the day.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Wednesday, November 11, 2015):

-Continue excavating in the northern portion of the Site.  
 -Continue dewatering operations.  
 -Remove eight (8) loads of soil to Clean Earth of Carteret Facility in Carteret, NJ.  
 -Continue applying ORC Advanced® Pellets in the western portion of the Site.  
 -Continue drilling piles and injecting grout along the E. 138<sup>th</sup> Street boundary.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	11	275								
Total	402	10,050								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating in the northern portion of the Site, facing west.



Photo 2 –

View of the contractor applying the BioSolve<sup>®</sup> Pinkwater vapor suppressant to the petroleum-impacted soils in the northern portion of the site.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing north.



Photo 4 –

View of the contractor drilling piles in the central portion of the Site, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the contractor cleaning a disposal truck with water prior to exiting the site.



Photo 6 –

View of the Site, facing west.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	NNW 10-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	11/11/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent,  
Safety Officer

Derek Lenin – Backhoe Operator/ Laborer

Paddy Lavelle – Backhoe Operator/ Laborer

Edwin – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT 321C LCR Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

T300 Bobcat

**Environmental Bulkheading Corp.**

HD180B Drill

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil in the northern portion of the Site between approximately two (2) and twelve (12) feet below grade surface (bgs).

-The contractor continued to install foundation piles along the E. 138<sup>th</sup> Street boundary and in the central portion of the Site.

-The contractor directly loaded eight (8) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was delivered to the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Eight (8) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: A2, A3, B2, B3, D1, D2, E1, & E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Thursday, November 12, 2015):

-Continue excavating in the northern portion of the Site.  
 -Continue dewatering operations.  
 -Continue applying ORC Advanced® Pellets in the western portion of the Site.  
 -Continue drilling piles and injecting grout along the E. 138<sup>th</sup> Street boundary.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	8	200								
Total	410	10,250								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating in the northern portion of the Site, facing east.



Photo 2 –

View of the contractor applying the BioSolve® Pinkwater vapor suppressant while excavating the petroleum-impacted soils in the northern portion of the site.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing west.



Photo 4 –

View of the contractor drilling piles in the central portion of the Site, facing east.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the contractor cleaning a disposal truck with water prior to exiting the site.



Photo 6 –

View of the Site, facing west.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	NW 10-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	11/12/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

## Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

## Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent,  
Safety OfficerDerek Lenin – Backhoe Operator/ Laborer  
Paddy Lavelle – Backhoe Operator/ Laborer

Edwin – Security

## Subcontractor(s):

**Environmental Bulkheading Corp.**Steven Kahn – Driller  
Rayon Walker – Laborer  
Phillip Stevens – Laborer  
Damian Banckwood – LaborerEquipment on Site:**Lettire Construction Corp.**CAT 321C LCR Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer  
LANDA 3500 PSI Power Washer  
T300 Bobcat**Environmental Bulkheading Corp.**CAT314C CR Backhoe  
M9-1 Pile Drill  
Concrete EuroDrill**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor excavated soil in the central portion of the Site to approximately thirteen (13) feet below grade surface (bgs).
- The contractor continued to install foundation piles along the eastern boundary of the Site.
- The contractor continued applying the Oxygen Release Compound (ORC) Advanced® Pellets to the western portion of the Site. Reference the Construction Map Sketch below for the approximate ORC application extent.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-One (1) additional 55-pound bucket of ORC Advanced® Pellets was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A2, A3, B2, B3, D1, D2, E1, & E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC exceedances. From 14:03 to 14:10, there were PM-10 exceedances in the downwind location. The 15-minute PM-10 background concentration was 0.020 mg/m<sup>3</sup> and the max 15-minute average concentration during 14:03 to 14:10 was 0.277 mg/m<sup>3</sup>; however, no fugitive dust was observed during this time period. The contractor stopped work for the day at 14:10.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Friday, November 13, 2015):

-Continue excavating in the northern portion of the Site.  
 -Continue dewatering operations.  
 -Continue applying ORC Advanced® Pellets in the western portion of the Site.  
 -Continue drilling piles and injecting grout along the E. 138<sup>th</sup> Street boundary.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	—	—								
Total	410	10,250								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating in the central portion of the Site, facing northeast.



Photo 2 –

View of the contractor applying the BioSolve® Pinkwater vapor suppressant while excavating the petroleum-impacted soils in the northern portion of the site.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor drilling piles along the eastern boundary of the Site, facing northeast.



Photo 4 –

View of the contractor manually applying the ORC Advanced® Pellets at the base of excavation in the central portion of the Site.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the Site,  
facing north.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	NW 15-20 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	11/13/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent,  
Safety Officer

Derek Lenin – Backhoe Operator/ Laborer

Paddy Lavelle – Backhoe Operator/ Laborer

Edwin – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT 321C LCR Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

T300 Bobcat

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor continued to install foundation piles along the eastern and E. 138<sup>th</sup> Street boundary of the Site.

-The contractor continued applying the Oxygen Release Compound (ORC) Advanced® Pellets to the western portion of the Site. Reference the Construction Map Sketch below for the approximate ORC application extent.

-The contractor applied the geosynthetic membrane on top of the ORC application area and applied three (3) to five (5)-inch stone on top of the membrane.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was delivered to the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

- Approximately 125 cubic yards of three (3) to five (5)-inch stone was imported to the Site from the Hamburg Quarry located in Hamburg, New Jersey.
- A truck load of grout was delivered to the Site.

Material Removed From Site:

- No material was removed from the Site.

Working In Grid #s: B3, C3 & E1.

Samples Collected:

- No samples were collected today.

Community Air Monitoring Plan (CAMP):

- CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

- None.

Description of Upcoming Work Activities (Monday, November 16, 2015):

- Install heel blocks along the eastern boundary of the Site.
- Continue dewatering operations.
- Continue drilling piles and injecting grout along the eastern and E. 138<sup>th</sup> Street boundaries.
- Continue excavation along the northern boundary of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	—	—								
Total	410	10,250								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor drilling piles along the eastern boundary of the Site, facing east.



Photo 2 –

View of the contractor applying three (3) to five (5)-inch stone on top of the geosynthetic membrane, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the Site,  
facing east.



Photo 4 –

View of the Site,  
facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	TO 32		32-50	X	50-70		70-85		>85	
WIND	NNE 10-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	11/17/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**GES-PC**

Mike Torini – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent,  
Safety Officer

Derek Lenin – Backhoe Operator/ Laborer

Paddy Lavelle – Backhoe Operator/ Laborer

Edwin – Security

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT 321C LCR Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

T300 Bobcat

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor continued to install foundation piles along the eastern and E. 138<sup>th</sup> Street boundaries of the Site.

-The contractor continued to excavate in the northern portion of the Site between approximately four (4) and thirteen (13) feet below grade surface (bgs).

-The contractor continued to apply the Oxygen Release Compound (ORC) Advanced® Pellets within the western portion of the Site. Reference the Construction Map Sketch below for the approximate ORC application extent.

-The contractor applied the geosynthetic membrane on top of the ORC application area and applied three (3) to five (5)-inch stone on top of the membrane.

-The contractor directly loaded two (2) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Equipment Removed From Site:

-No equipment was delivered to the Site.

Material Delivered to Site:

-Approximately 75 cubic yards of three (3) to five (5)-inch stone was imported to the Site from the Hamburg Quarry located in Hamburg, New Jersey.

Material Removed From Site:

-Two (2) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: B3, C1 & D1.

Samples Collected:

-Brinkerhoff collected one (1) Endpoint Sample (EP- 17) in the western portion of the Site. The sample was submitted to the laboratory for full Target Compound List (TCL)/ Target Analyte List (TAL) analyses. Reference the Construction Map Sketch below for approximate Endpoint Sample location.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Wednesday, November 18, 2015):

-Install heel blocks along the eastern boundary of the Site.  
-Continue dewatering operations.  
-Continue drilling piles and injecting grout along the eastern and E. 138<sup>th</sup> Street boundaries.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	2	50								
Total	412	10,300								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor drilling piles along the E. 138<sup>th</sup> Street boundary of the Site, facing northwest.



Photo 2 –

View of the contractor manually applying the ORC Advanced® Pellets at the base of excavation in the western portion of the Site.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor excavating in the northern portion of the Site, facing west.



Photo 4 –

View of the contractor directly loading material for off-site disposal, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the Site,  
facing northwest.



Photo 6-

View of a clean truck  
bed and secure truck  
cover.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	SSE 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	12/14/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent,

Safety Officer

Edwin – Security

Fritz - Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

Geno – Backhoe Operator/ Laborer

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT CAT 315B L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

T300 Bobcat

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**GroundwaterTreatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:-The contractor continued to install foundation piles along the E. 138<sup>th</sup> Street boundary of the Site.

-The contractor excavated along the northern boundary of the Site between approximately six (6) and eight (8) feet below grade surface (bgs).

-The contractor excavated in the southern corner of the site in preparation for installing a pile cap.

Equipment Delivered to Site:

-The CAT 315B L was delivered to the Site.

Equipment Removed From Site:

-The CAT 321C LCR Backhoe was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: C1, D1, and E1.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tuesday, December 15, 2015):

-Continue excavating in the southern portion of the site for installing pile caps.  
 -Continue dewatering operations.  
 -Continue drilling piles and injecting grout along the E. 138<sup>th</sup> Street boundary.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	—	—								
Total	412	10,300								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor drilling piles along the E. 138<sup>th</sup> Street boundary of the Site, facing southeast.



Photo 2 –

View of the contractor excavating along the northern boundary of the Site, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor excavating in the southern corner of the Site in preparation for installing a pile cap, facing southwest.



Photo 4 –

View of the entire Site, facing north.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	NNW 15-20 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	12/15/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent,

Safety Officer

Edwin – Security

Fritz - Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

Geno – Backhoe Operator/ Laborer

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT CAT 315B L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

T300 Bobcat

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**GroundwaterTreatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor installed foundation piles in the central portion of the Site.

-The contractor continued to excavate in the southern corner of the site in preparation for installing a pile cap.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

Approximately 25 cubic yards of three (3) to five (5)-inch stone and 25 cubic yards of three-quarter (3/4)-inch stone was imported to the Site from the Hamburg Quarry located in Hamburg, New Jersey. Brinkerhoff inspected both loads of imported stone and no fines were observed.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: D1, D2, D3, E1, and E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

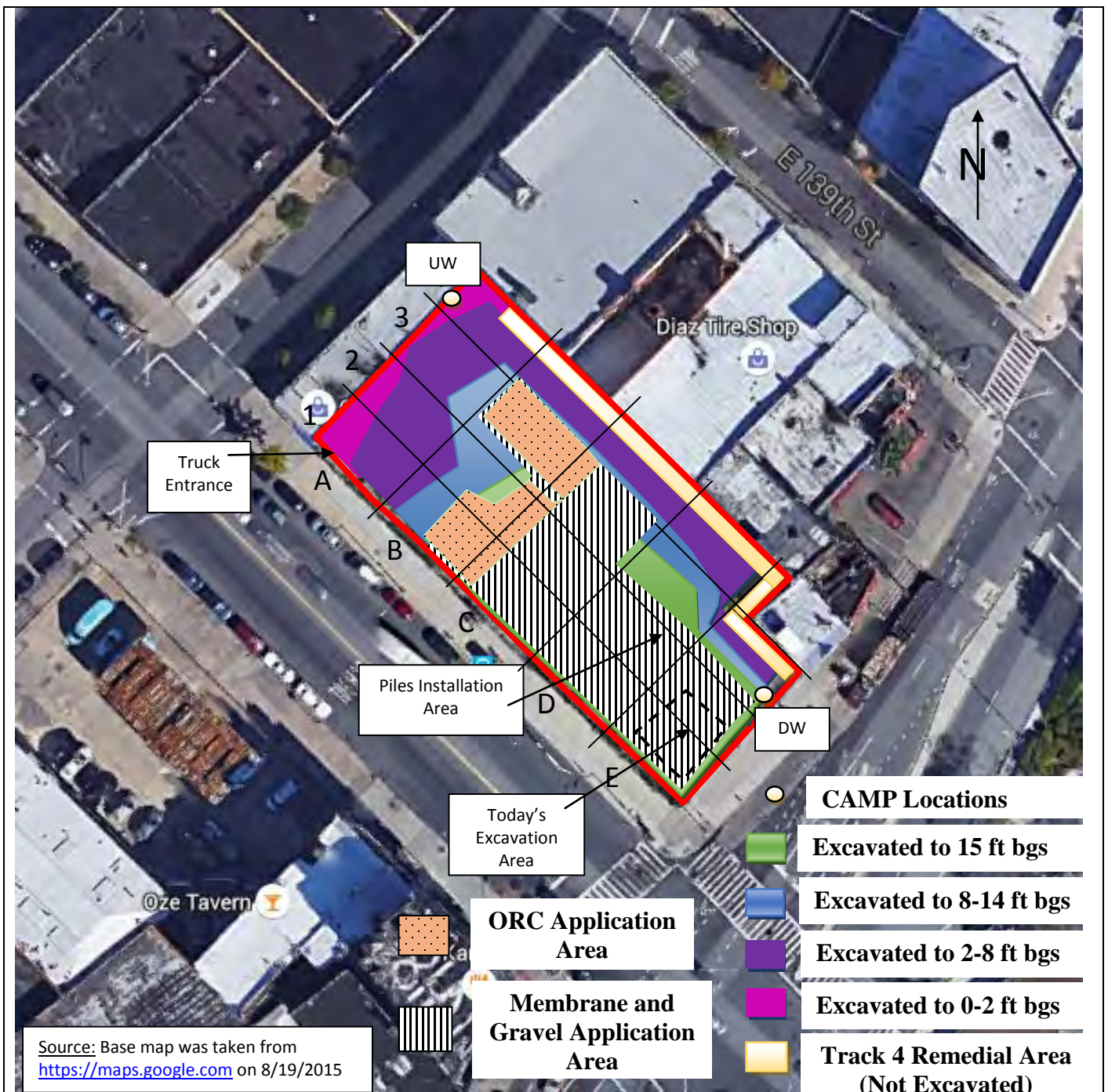
-None.

Description of Upcoming Work Activities (Wednesday, December 16, 2015):

-Continue the pile cap installation in the southern portion of the Site.  
 -Continue dewatering operations.  
 -Continue drilling piles and injecting grout throughout the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	—	—								
Total	412	10,300								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**



**Note: Construction Map Is Not To Scale**



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor drilling piles in the central portion of the Site, facing northwest.



Photo 2 –

View of the contractor excavating in the southern corner of the Site in preparation for installing a pile cap, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

Additional view of the excavation area in the southern corner of the Site.



Photo 4 –

View of the entire Site, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	NW 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	12/18/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

## Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

## Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent,

Safety Officer

Edwin – Security

Fritz - Laborer

Ronmel Cimpoberde – Laborer

## Subcontractor(s):

Geno – Backhoe Operator/ Laborer

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT CAT 315B L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

T300 Bobcat

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**GroundwaterTreatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor continued to install foundation piles in the central portion of the Site.

-The contractor continued to excavate in the southern portion of the site in preparation for installing a third, fourth and fifth pile cap.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: D1, D2, D3, E1, and E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

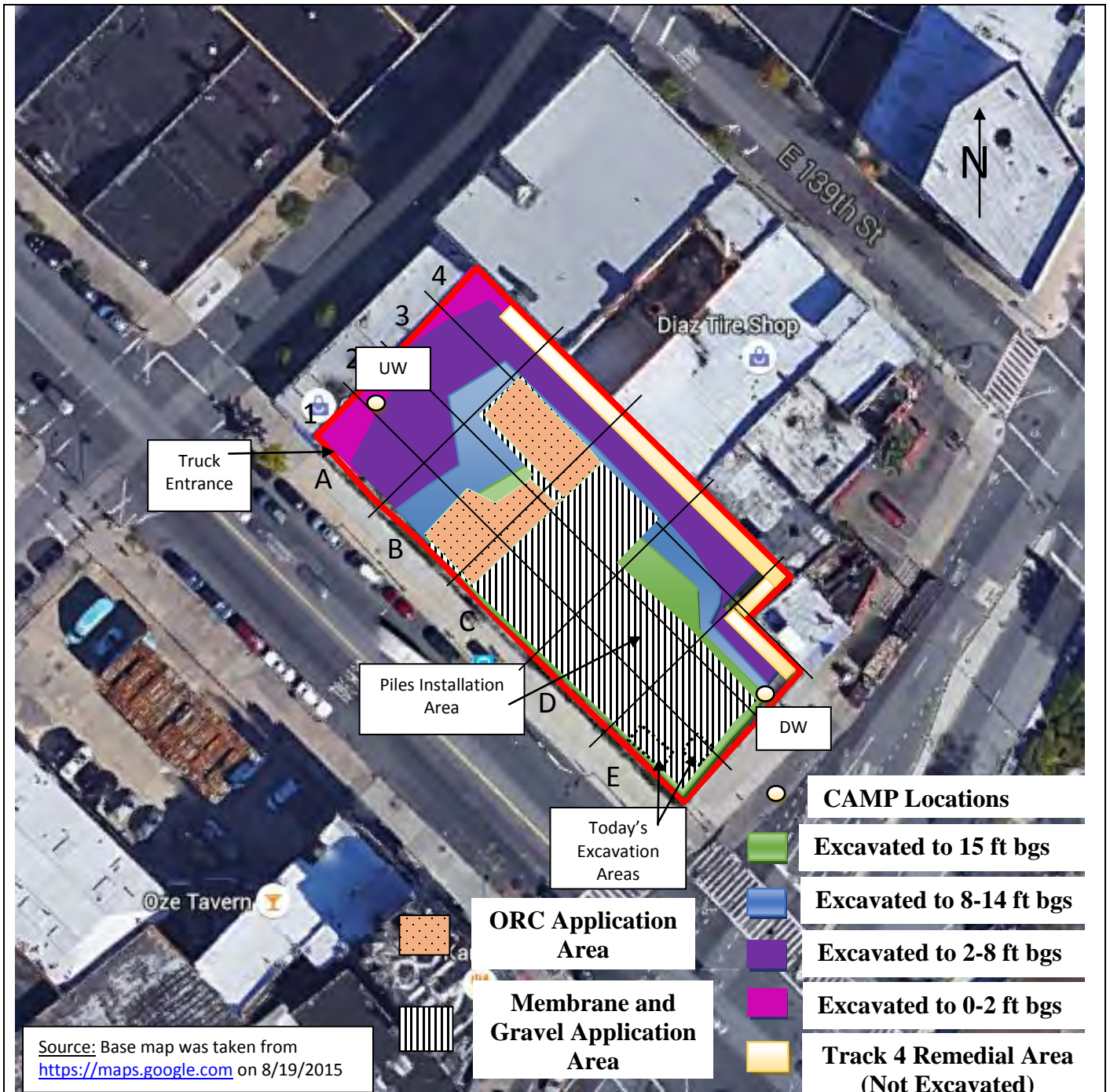
Description of Upcoming Work Activities (Monday, December 21, 2015):

-Continue the pile cap installation in the southern portion of the Site.  
 -Continue dewatering operations.  
 -Continue drilling piles and injecting grout throughout the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	—	—								
Total	412	10,300								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**



**Note: Construction Map Is Not To Scale**



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor drilling piles in the central portion of the Site, facing northeast.



Photo 2 –

View of the contractor excavating in the southern portion of the Site in preparation for installing a pile cap.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

Additional view of the excavation area in the southern corner of the Site, facing southwest.



Photo 4 –

View of the entire Site, facing north.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Sean Harrison

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain	X	Overcast		Partly Cloudy		Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	NW 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	12/22/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Sean Harrison – Geologist

Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent,

Safety Officer

Edwin – Security

Fritz - Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

Geno – Backhoe Operator/ Laborer

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT CAT 315B L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

T300 Bobcat

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**GroundwaterTreatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor continued to install foundation piles in the central portion of the Site.

-The contractor continued to install formwork and rebar for installation of one (1) pile cap along the eastern boundary of the site.

-No soil excavation activities occurred today.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: D1, D2, D3, E1, and E2.

Samples Collected:

-Three (3) samples, identified as CR-1 through CR-3, were collected within the proposed Track 1 Area in the southeast portions of the site. The samples were submitted to the laboratory for Hexavalent and Trivalent Chromium Analysis.

Community Air Monitoring Plan (CAMP):

-CAMP was not performed since no soil excavation activities occurred.

Problems Encountered:

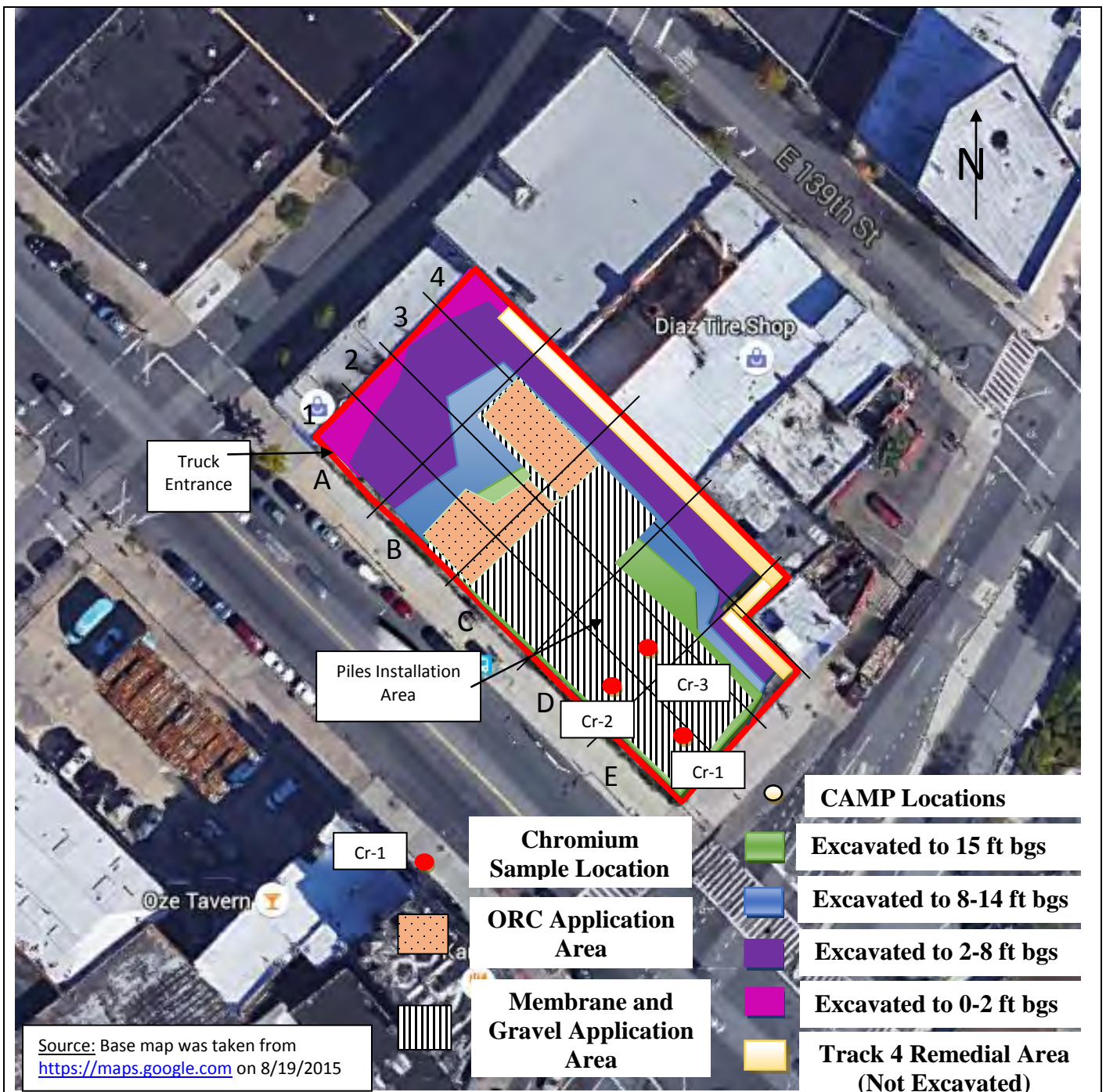
-None.

Description of Upcoming Work Activities (Wednesday, December 23, 2015):

-Continue installing rebar and formwork for pile cap installation in the southern portion of the Site.  
-Continue excavating for the installation of pile caps.  
-Continue dewatering operations.  
-Continue drilling piles and injecting grout throughout the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	—	—								
Total	412	10,300								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**



**Note: Construction Map Is Not To Scale**



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Photographs of Work Performed:**

Photo 1 –

View of the entire site,  
facing east.



Photo 2 –

View of the contractor  
installing formwork for  
a pile cap along the  
eastern boundary of  
the site, facing  
northeast.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	E 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	12/23/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

## Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

## Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Edwin – Security

Fritz - Laborer

Ronmel Cimpoberde – Laborer

## Subcontractor(s):

Geno – Backhoe Operator/ Laborer

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT CAT 315B L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

T300 Bobcat

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**GroundwaterTreatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor continued to install foundation piles and grout injections along the E. 138<sup>th</sup> Street boundary of the Site.

-The contractor continued to excavate in the southern portion of the site in preparation for installing a pile cap.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Material Delivered to Site:

-Approximately 100 cubic yards of three (3) to five (5)-inch stone was imported to the Site from the Hamburg Quarry located in Hamburg, New Jersey.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: C1, D1, D2, D3, E1, and E2.

Samples Collected:

-Brinkerhoff collected one (1) Endpoint Sample (EP-18) in the eastern corner of the Site. The sample was submitted to the laboratory for TCL VOCs, SVOCS, Pesticides, PCBs, TAL Metals, and Hex/Tri Chromium analyses. Reference the Construction Map Sketch below for the approximate Endpoint Sample location.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

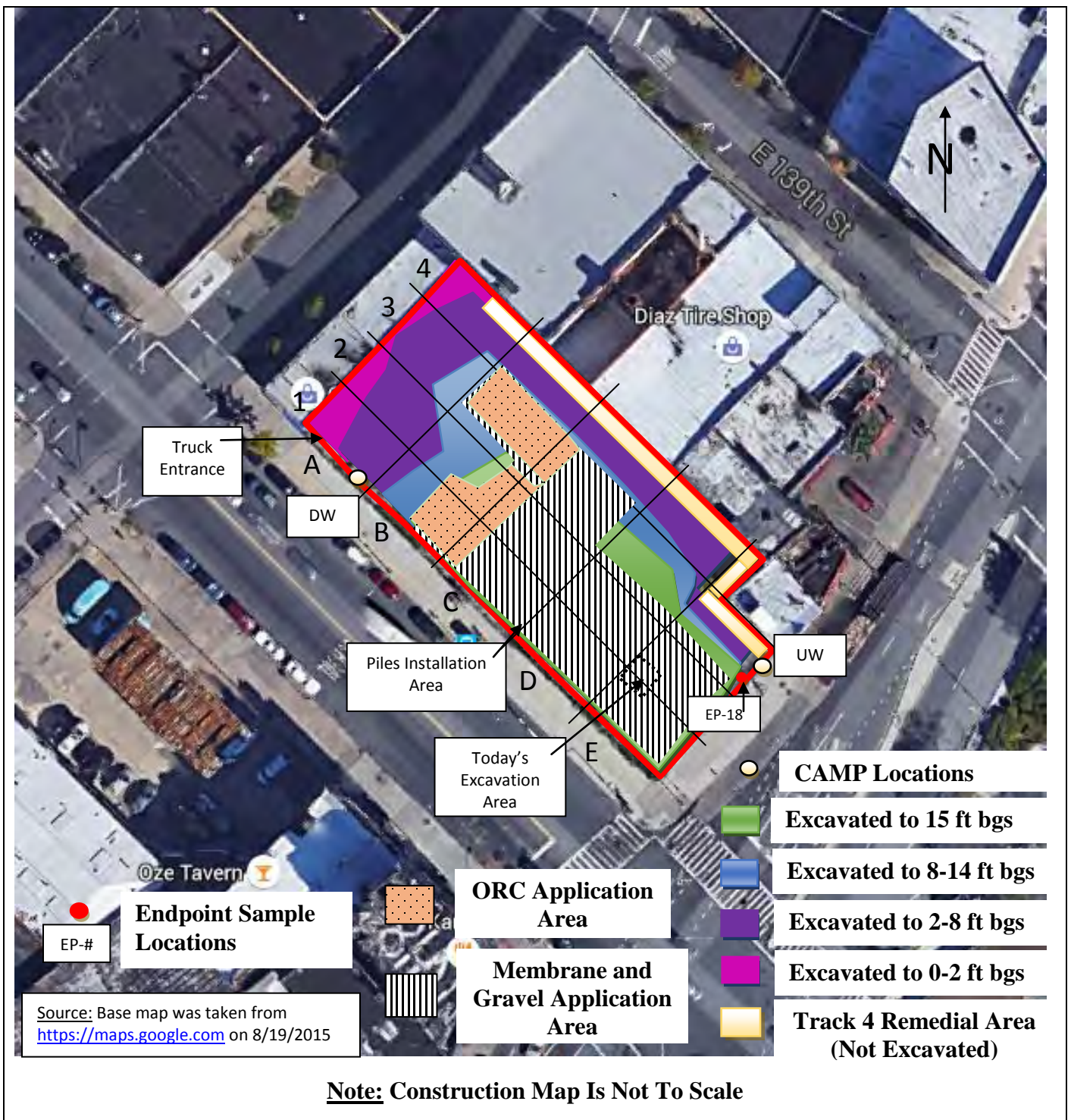
-None.

Description of Upcoming Work Activities (Thursday, December 24, 2015):

-Continue the pile cap installation in the southern portion of the Site.  
-Continue dewatering operations.  
-Continue drilling piles and injecting grout throughout the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	—	—								
Total	412	10,300								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor drilling piles along the E. 138<sup>th</sup> Street boundary of the Site, facing north.



Photo 2 –

View of the contractor excavating in the southern portion of the Site in preparation for installing a pile cap, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

Additional view of the excavation area in the southern portion of the Site, facing east.



Photo 4 –

View of the entire Site, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50	X	50-70		70-85		>85	
WIND	NNE 15-20 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	12/28/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

## Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

## Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Edwin – Security

Fritz - Laborer

Ronmel Cimpoberde – Laborer

## Subcontractor(s):

Geno – Backhoe Operator/ Laborer

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT CAT 315B L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

T300 Bobcat

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**GroundwaterTreatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:-The contractor continued to install foundation piles along the E. 138<sup>th</sup> Street boundary of the Site.

-The contractor continued to excavate in the southern portion of the site in preparation for installing a pile cap.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: C1, D1, and E3.

Samples Collected:

-Brinkerhoff collected one (1) Endpoint Sample (EP-19) in the eastern portion of the Site. The sample was submitted to the laboratory for TCL VOCs, SVOCS, Pesticides, PCBs, TAL Metals, and Hex/Tri Chromium analyses. Reference the Construction Map Sketch below for the approximate Endpoint Sample location.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tuesday, December 29, 2015):

-Continue excavation in the southern portion of the Site.  
-Continue the pile cap installation in the southern portion of the Site.  
-Continue dewatering operations.  
-Continue drilling piles and injecting grout throughout the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	—	—								
Total	412	10,300								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor drilling piles along the E. 138<sup>th</sup> Street boundary of the Site, facing west.



Photo 2 –

View of the contractor excavating in the southern portion of the Site in preparation for installing a pile cap, facing southwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

Additional view of the excavation area in the southern portion of the Site, facing northeast.



Photo 4 –

View of the entire Site, facing northwest.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain	X	Overcast		Partly Cloudy		Bright Sun	
TEMP.	TO 32		32-50	X	50-70		70-85		>85	
WIND	NE 15-20 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	12/29/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

## Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

## Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Edwin – Security

Fritz - Laborer

Ronmel Cimpoberde – Laborer

## Subcontractor(s):

Geno – Backhoe Operator/ Laborer

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT CAT 315B L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

T300 Bobcat

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**GroundwaterTreatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor continued to install foundation piles in the central portion of the Site.

-The contractor continued to excavate within the northeast portion of the Site.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: C1, C2, D2, D3, E2, and E3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was not performed due to inclement weather (i.e. rain); however, no visible dust was observed throughout the day.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Wednesday, December 30, 2015):

-Continue the pile cap installation in the southern portion of the Site.  
 -Continue dewatering operations.  
 -Continue drilling piles and injecting grout throughout the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	—	—								
Total	412	10,300								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor drilling piles in the central portion of the Site, facing north.



Photo 2 –

View of the contractor excavating along the northeastern boundary of the Site, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

Additional view of the excavation area along the northeastern boundary of the Site, facing south.



Photo 4 –

View of the entire Site, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32		32-50	X	50-70		70-85		>85	
WIND	NW 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	12/31/2015
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**GES-PC**

Youssouff Boubaa – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp;

Safety Officer

Edwin – Security

Fritz - Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**AARCO Environmental Services Corp.**

Nick Turro – Driller

Joe – Driller

Geno – Backhoe Operator/ Laborer

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT CAT 315B L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

T300 Bobcat

**AARCO Environmental Services Corp.**

GeoProbe ® 7822DT Drill Rig

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-AARCO Environmental Services Corp. drilled nine (9) soil borings in the western corner of the site.

-Brinkerhoff Environmental Services, Inc. screened the soil boring logs for contamination via visual, olfactory, and Photoionization Detector (PID) methods of detection.

-The contractor continued to install foundation piles in the central portion of the Site.

-The contractor continued to excavate in the southern portion of the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Delivered to Site:

-AARCO brought a GeoProbe® 7822DT Drill Rig to drill the soil borings.

Equipment Removed From Site:

-AARCO removed the GeoProbe® 7822DT Drill Rig after the completion of the soil borings.

Material Delivered to Site:

-A truck load of rebar was delivered to the Site.  
 -A truck load of timber was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A1, C1, C2, D2 and D3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Monday, January 4, 2016):

-Continue the pile cap installation in the southern portion of the Site.  
 -Continue dewatering operations.  
 -Continue drilling piles and injecting grout throughout the Site.

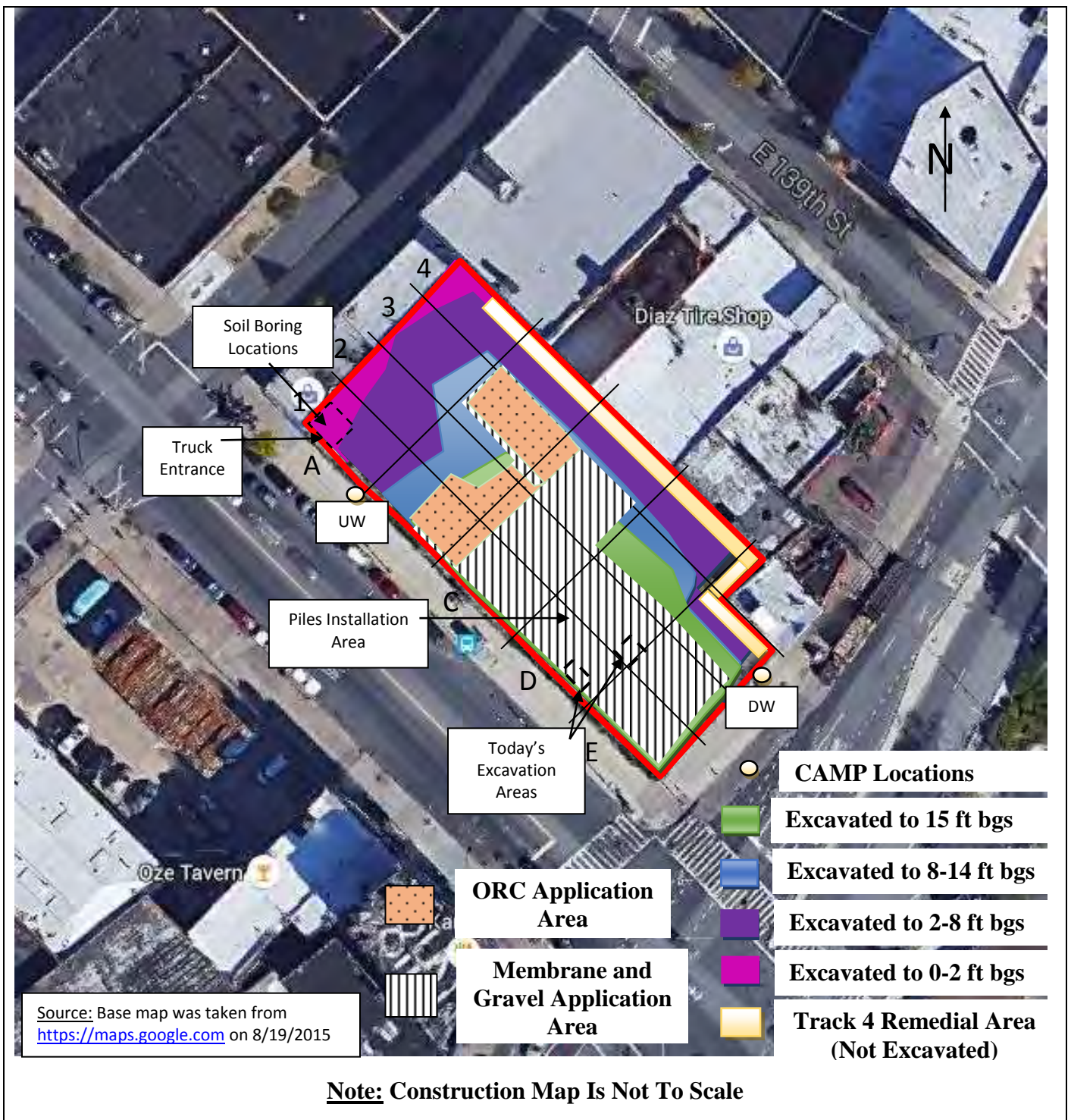
Soil Disposal Estimate

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	—	—								
Total	412	10,300								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of AARCO drilling soil borings in the western corner of the Site, facing northeast.



Photo 2 –

View of the contractor excavating in the southern portion of the Site and drilling piles in the central portion of the Site, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

Additional view of the  
excavation area,  
facing east.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32	X	32-50		50-70		70-85		>85	
WIND	N 10-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	01/05/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Jonathan Kraus – Environmental Scientist

## Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

## Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Edwin – Security

Fritz - Laborer

Ronmel Cimpoberde – Laborer

## Subcontractor(s):

Geno – Backhoe Operator/ Laborer

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT CAT 315B L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

T300 Bobcat

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor continued to install foundation piles in the central portion of the Site.

-The contractor continued to excavate in the northeastern portion of the site.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-Approximately 25 cubic yards of three (3) to five (5)-inch stone was imported to the Site from the Hamburg Quarry located in Hamburg, New Jersey.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: C1, C2, D1, and D3.

Samples Collected:

-No samples were collected today

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Wednesday, January 6<sup>th</sup>, 2016):

- Transport approximately 8 loads of non-hazardous soil off-site to Clean Earth of Carteret in Carteret, New Jersey.
- Continue excavation in the northeast portion of the Site.
- Continue installation of foundation piles in the central portion of the Site.
- Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	—	—								
Total	412	10,300								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor drilling piles in the central portion of the Site, facing southwest.



Photo 2 –

View of the contractor excavating in the northeast portion of the Site, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

Additional view of the excavation area in the northeast portion of the Site, facing west.



Photo 4 –

View of the entire Site, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32	X	32-50		50-70		70-85		>85	
WIND	N 0-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	01/06/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

<b>Environmental Consultant:</b>  <b>Brinkerhoff Environmental Services, Inc.</b> Jonathan Kraus – Environmental Scientist	<b>Inspector(s):</b>  <b>GES-PC</b> Yousouff Boubaa – Inspector
<b>Contractor:</b>  <b>Lettire Construction Corp.</b> Ratko Krneta – Construction Site Superintendent & Safety Officer Edwin – Security Fritz - Laborer Ronmel Cimpoberde – Laborer	<b>Subcontractor(s):</b>  Geno – Backhoe Operator/ Laborer  <b>Environmental Bulkheading Corp.</b> Steven Kahn – Driller Rayon Walker – Laborer Phillip Stevens – Laborer Damian Banckwood – Laborer

Equipment on Site:

<b>Lettire Construction Corp.</b> CAT CAT 315B L Backhoe 900H Sullair Generator Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer T300 Bobcat	<b>Environmental Bulkheading Corp.</b> CAT314C CR Backhoe M9-1 Pile Drill Concrete EuroDrill  <b>GroundwaterTreatment and Technology, LLC</b> Dewatering Storage and Treatment Tanks
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Description of Work Performed:

- The contractor continued to install foundation piles in the central portion of the Site.
- The contractor continued to excavate in the northern portion of the site.
- The contractor directly loaded eight (8) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

- No equipment was delivered to the Site.

Equipment Removed From Site:

- No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-A truck load of piles was delivered to the Site

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: C1, C2, C4, D4, and B4.

Samples Collected:

-No samples were collected today

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Rest of week):

-Continue pile cap installation in the southern portion of the Site.  
 -Continue installation of foundation piles in the central portion of the Site.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	8	200								
Total	420	10,500								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor drilling piles in the central portion of the Site, facing southwest.



Photo 2 –

View of the contractor directly loading material for off-site disposal, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of clean truck with cover extended over bed, facing northwest.



Photo 4 –

View of clean Site entrance, facing east.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the entire Site,  
facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50	X	50-70		70-85		>85	
WIND	E 10-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	01/11/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Jonathan Kraus – Environmental Scientist

## Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

## Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Edwin – Security

Fritz - Laborer

Ronmel Cimpoberde – Laborer

## Subcontractor(s):

Geno – Backhoe Operator/ Laborer

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT CAT 315B L Backhoe

CAT CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**GroundwaterTreatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor continued to install foundation piles in the central and western portions of the Site.
- The contractor continued to excavate in the northern and central portions of the site.
- The contractor excavated for the installation of three (3) pile caps in the central portion of the Site.
- The contractor directly loaded eight (8) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

- A CAT CAT315 L Backhoe was delivered to the Site.

Equipment Removed From Site:

- A T300 Bobcat was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT****Material Delivered to Site:**

- Approximately 50 cubic yards of three (3) to five (5)-inch stone was imported to the Site from the Hamburg Quarry located in Hamburg, New Jersey.

**Material Removed From Site:**

-Eight (8) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret, New Jersey.

Working In Grid #s: A4, B1, B4, C1, C2, C4, D1, D2, D3 and D4.

**Samples Collected:**

-No samples were collected today.

**Community Air Monitoring Plan (CAMP):**

-CAMP was performed and there were no VOC or PM-10 exceedances.

**Problems Encountered:**

-None.

**Description of Upcoming Work Activities (Tuesday, January 12, 2016):**

- Continue pile cap installation (rebar and concrete) in the southern portion of the Site.
- Continue pile cap excavation in the southern and central portions of the Site
- Continue installation of foundation piles in the central and western portions of the Site.
- Continue dewatering operations.
- Remove four (4) loads of non-hazardous soil to Clean Earth of Carteret in Carteret, New Jersey.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	8	200								
Total	428	10,700								

\* = cubic yard totals are approximate since countersigned manifests have yet to been received



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor drilling piles in the central portion of the Site, facing northwest.



Photo 2 –

View of the contractor excavating for the installation of a pile cap in the central portion of the Site, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor loading excavated material for off-site disposal, facing west.



Photo 4 –

View of the clean Site entrance, facing east.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50	X	50-70		70-85		>85	
WIND	SE 0-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	01/12/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Jonathan Kraus – Environmental Scientist

## Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

## Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Edwin – Security

Fritz - Laborer

Ronmel Cimpoberde – Laborer

## Subcontractor(s):

Geno – Backhoe Operator/ Laborer

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT CAT 315B L Backhoe

CAT CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**GroundwaterTreatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor continued to install foundation piles in the central and western portions of the Site.

-The contractor continued to excavate in the northern portion of the site.

-The contractor continued pile cap installation in the southern and central portions of the Site.

-The contractor directly loaded four (4) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

- Approximately 25 cubic yards of three-quarter (3/4)-inch recycled concrete aggregate (RCA) was imported to the Site from Tilcon New York Inc. in Kearny, NJ.

Material Removed From Site:

-Four (4) truck loads of non-hazardous soil were removed from the Site and disposed off-site to Clean Earth of Carteret, New Jersey.

Working In Grid #s: A3, A4, B1, B4, C1, C2, D1 and D2

Samples Collected:

-No samples were collected today

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Rest of week):

-Continue pile cap installation (rebar and concrete) in the southern and central portions of the Site.  
 -Continue installation of foundation piles in the central and western portions of the Site.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	4	100								
Total	432	10,800								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor drilling piles in the central and western portions of the Site, facing southwest.



Photo 2 –

View of the contractor directly loading material for off-site disposal, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of contractor excavating along the northern boundary of the site, facing north.



Photo 4 –

View of the clean Site entrance, facing east.

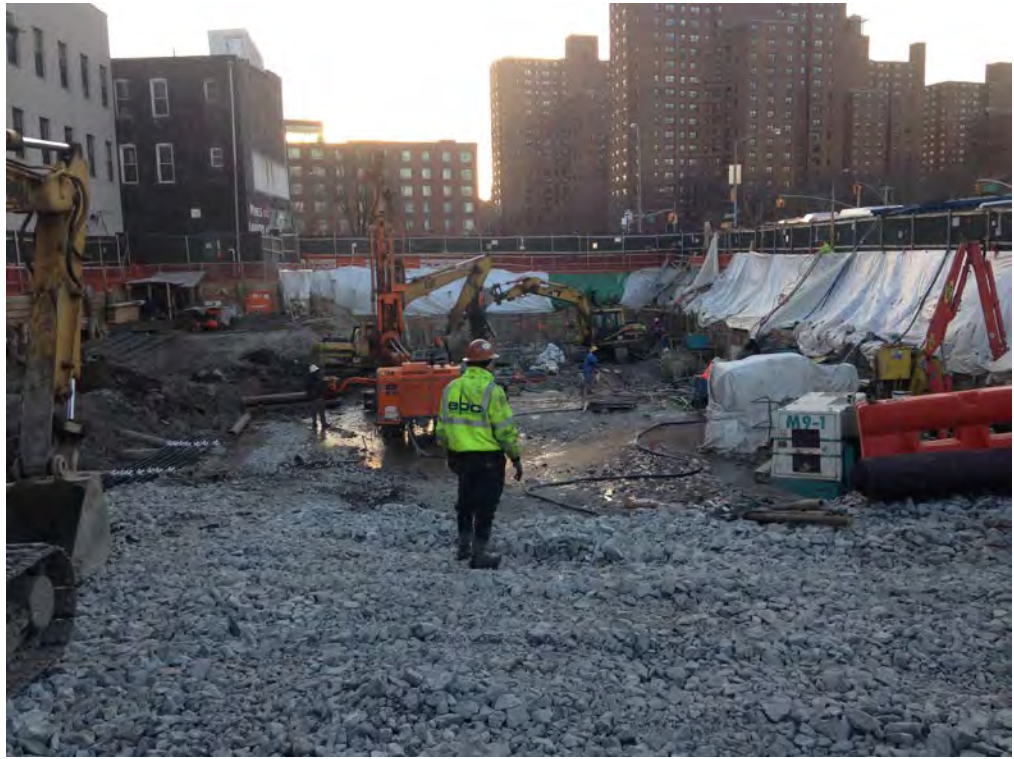




**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the entire Site,  
facing southeast.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	0 TO 32	X	32-50		50-70		70-85		>85	
WIND	NE 10-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	02/10/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent &  
Safety Officer

Edwin – Security

Fritz - Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

Geno – Backhoe Operator/ Laborer

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT CAT 315B L Backhoe

CAT CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**GroundwaterTreatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor continued to install foundation piles in the central and western portions of the Site.

-The contractor continued to install lagging along the northeast boundary of the Site.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site..



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A3, A4, B1, B4, C1, C2, D1 and D2

Samples Collected:

-Brinkerhoff collected one (1) sidewall sample (EP-20) along the northeast sidewall of the Site. The sample was submitted to the laboratory for TCL VOCs, SVOCS, Pesticides, PCBs, TAL Metals, and Hex/Tri Chromium analyses. Reference the Construction Map Sketch below for the approximate sample location.

Community Air Monitoring Plan (CAMP):

-CAMP was not performed because no soil excavation activities occurred today.

Problems Encountered:

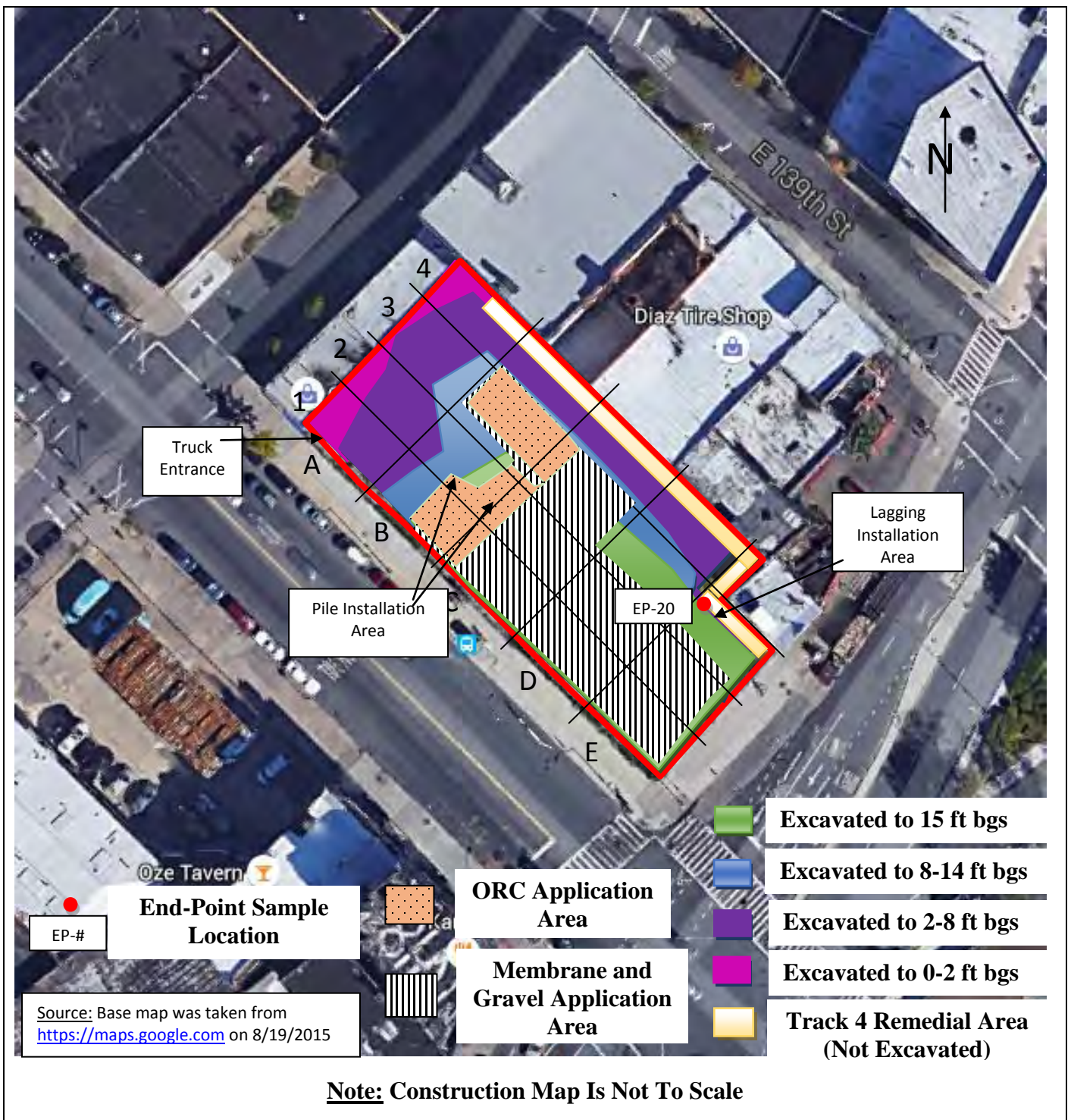
-None.

Description of Upcoming Work Activities (Rest of week):

-Continue installation of rakers along the northern boundary of the Site.  
 -Continue installation of foundation piles in the western portion of the Site.  
 -Continue dewatering operations.  
 -Begin installation of the concrete rat slab in the eastern portion of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	-	-								
Total	432	10,800								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Photographs of Work Performed:**

Photo 1 –

View of the contractor drilling piles in the western portion of the Site, facing east.



Photo 2 –

View of the installed rakers along the northeast boundary of the Site, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

Additional view of the installed rakers and the lagging installation area, facing northeast.



Photo 4 –

View of the Site, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	0 TO 32		32-50		50-70	X	70-85		>85	
WIND	NE 10-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	4/28/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

<b>Environmental Consultant:</b>  <b>Brinkerhoff Environmental Services, Inc.</b> Monica Norton – Geologist	<b>Inspector(s):</b>  <b>GES-PC</b> Youssouff Boubaa – Inspector
<b>Contractor:</b>  <b>Lettire Construction Corp.</b> Edwin – Security Fritz - Laborer Ronmel Cimpoberde – Laborer	<b>Subcontractor(s):</b>  <b>Environmental Bulkheading Corp.</b> Steven Kahn – Driller Rayon Walker – Laborer Phillip Stevens – Laborer Damian Banckwood – Laborer  <b>ARRCO Environmental Services Corp.</b> Tim Kelly – Driller Scott Dakota – Driller

Equipment on Site:

<b>Lettire Construction Corp.</b> CAT CAT 315 L Backhoe 900H Sullair Generator Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer	<b>Environmental Bulkheading Corp.</b> CAT314C CR Backhoe M9-1 Pile Drill Concrete EuroDrill  <b>GroundwaterTreatment and Technology, LLC</b> Dewatering Storage and Treatment Tanks  <b>AARCO Environmental Services Corp.</b> GeoProbe® 7730DT Drill Rig
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Description of Work Performed:

-AARCO Environmental Services Corp. (AARCO) installed one (1) permanent sidewalk monitoring well (SMW-1) in the sidewalk along E. 138<sup>th</sup> Street to 20 feet below grade surface (bgs).  
 -The contractor continued to install foundation piles along the E. 138<sup>th</sup> Street boundary of the Site.

Equipment Delivered to Site:

-AARCO brought a GeoProbe® 7730DT Drill Rig for the installation of the permanent monitoring well.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Equipment Removed From Site:

- AARCO removed the GeoProbe® 7730DT Drill Rig after the completion of the permanent monitoring well installation.
- One (1) 10-cubic yard roll-off container of trash was removed from the Site.

Material Delivered to Site:

- No material was delivered to the Site.

Material Removed From Site:

- No material was removed from the Site.

Working In Grid #s: A1 and B1.

Samples Collected:

- No samples were collected today.

Community Air Monitoring Plan (CAMP):

- CAMP was not performed because no soil excavation activities occurred today.

Problems Encountered:

- None.

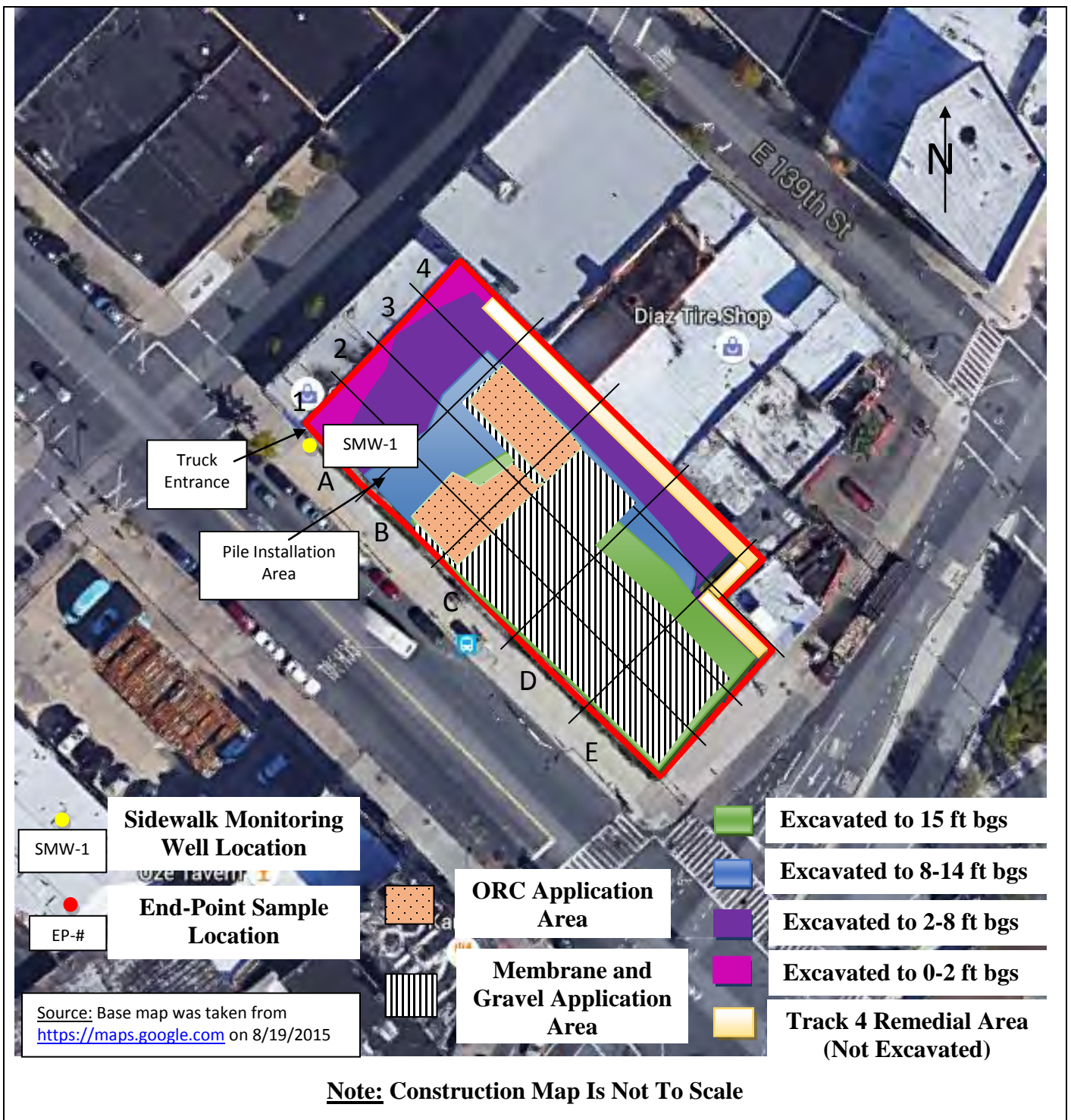
Description of Upcoming Work Activities (Rest of week):

- Continue installation of foundation piles in the western portion of the Site.
- Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	432	10,800								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of AARCO installing the permanent monitoring well (SMW-1) in the East 138<sup>th</sup> Street sidewalk, facing north.



Photo 2 –

View of the monitoring well.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the installed  
monitoring well.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Sean Harrison

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70	X	70-85		>85	
WIND	ENE 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	05/12/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Sean Harrison – Project Manager

Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

Contractor:

**Lettire Construction Corp.**

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor excavated soil in the northwest portion of the site for the installation of a dewatering sump pit.
- The contractor excavated soil along the northern boundary of the Site for the installation of two (2) grade beams and two (2) pile caps.
- The contractor continued to install foundation piles along the western boundary of the Site.
- The contractor installed rebar and cut piles for the installation of the grade beams and pile caps.
- No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

- No equipment was delivered to the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-One (1) 20 cubic-yard load of three (3) to five (5)-inch virgin stone was imported to the Site from the Hamburg Quarry located in Hamburg, New Jersey.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A1, A2, A3, B1, B2, D3, and D4.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

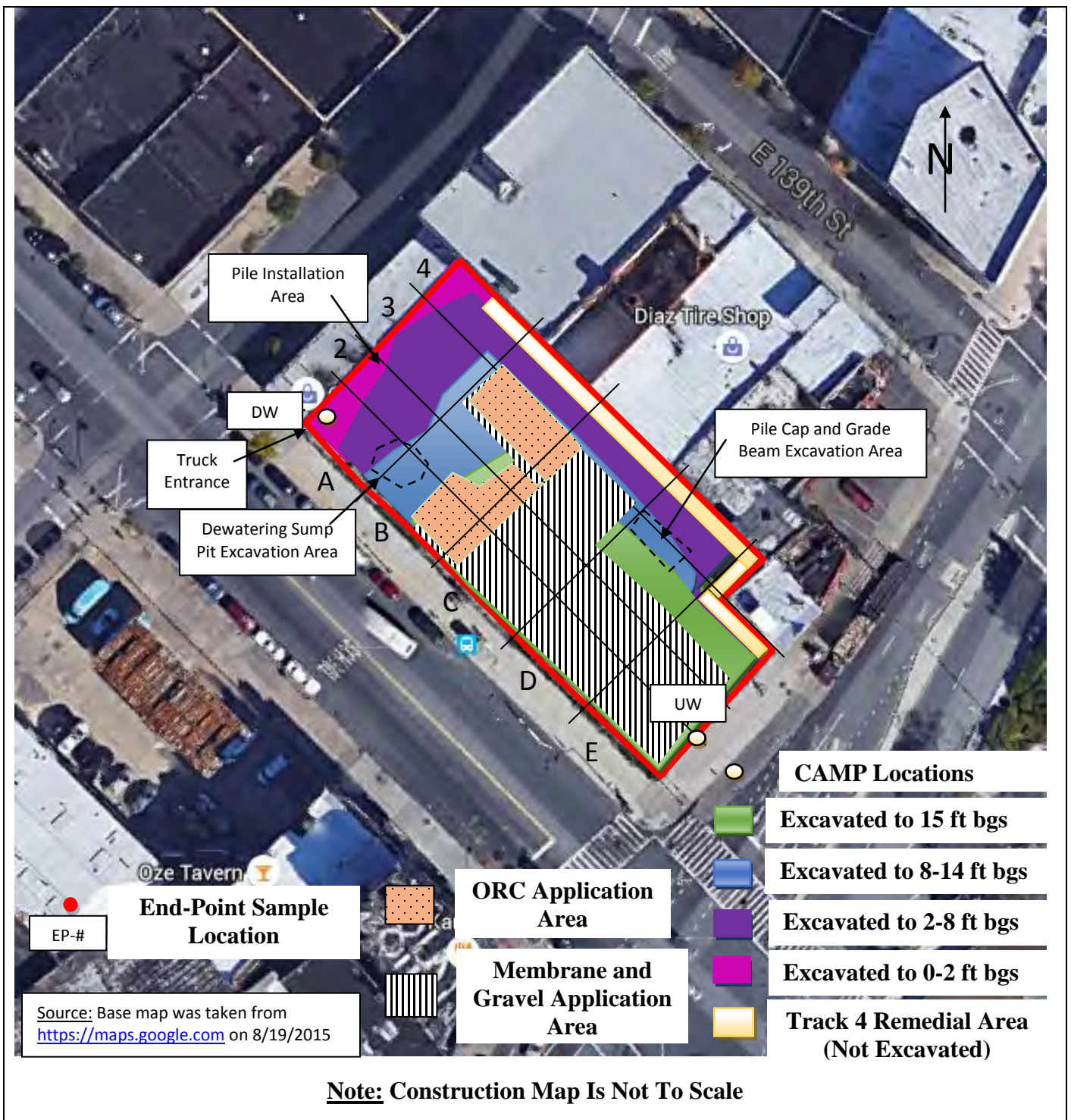
-None.

Description of Upcoming Work Activities (May 13, 2016):

-Continue excavating soil for pile cap and grade beam installation.  
 -Continue installation of foundation piles in the western portion of the Site.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	432	10,800								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil in the central portion of the site, facing west.



Photo 2 –

View of the contractor excavating soil for the installation of the dewatering sump pit, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor drilling piles along the western boundary of the Site, facing northwest.



Photo 4 –

View of the contractor installing the two (2) pile caps and two (2) grade beams in the northern portion of the Site, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	0 TO 32		32-50		50-70	X	70-85		>85	
WIND	SSE 5-9 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	05/13/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

Contractor:

**Lettire Construction Corp.**

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil in the northern and central portions of the site in preparation for pile cap and grade beam installation.

-The contractor continued to install foundation piles along the western boundary of the Site.

-No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A2, A3, C1, C2, D2, D3, and D4.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (May 16, 2016):

-Continue excavating soil for pile cap and grade beam installation.  
-Continue installation of foundation piles in the western portion of the Site.  
-Continue dewatering operations.

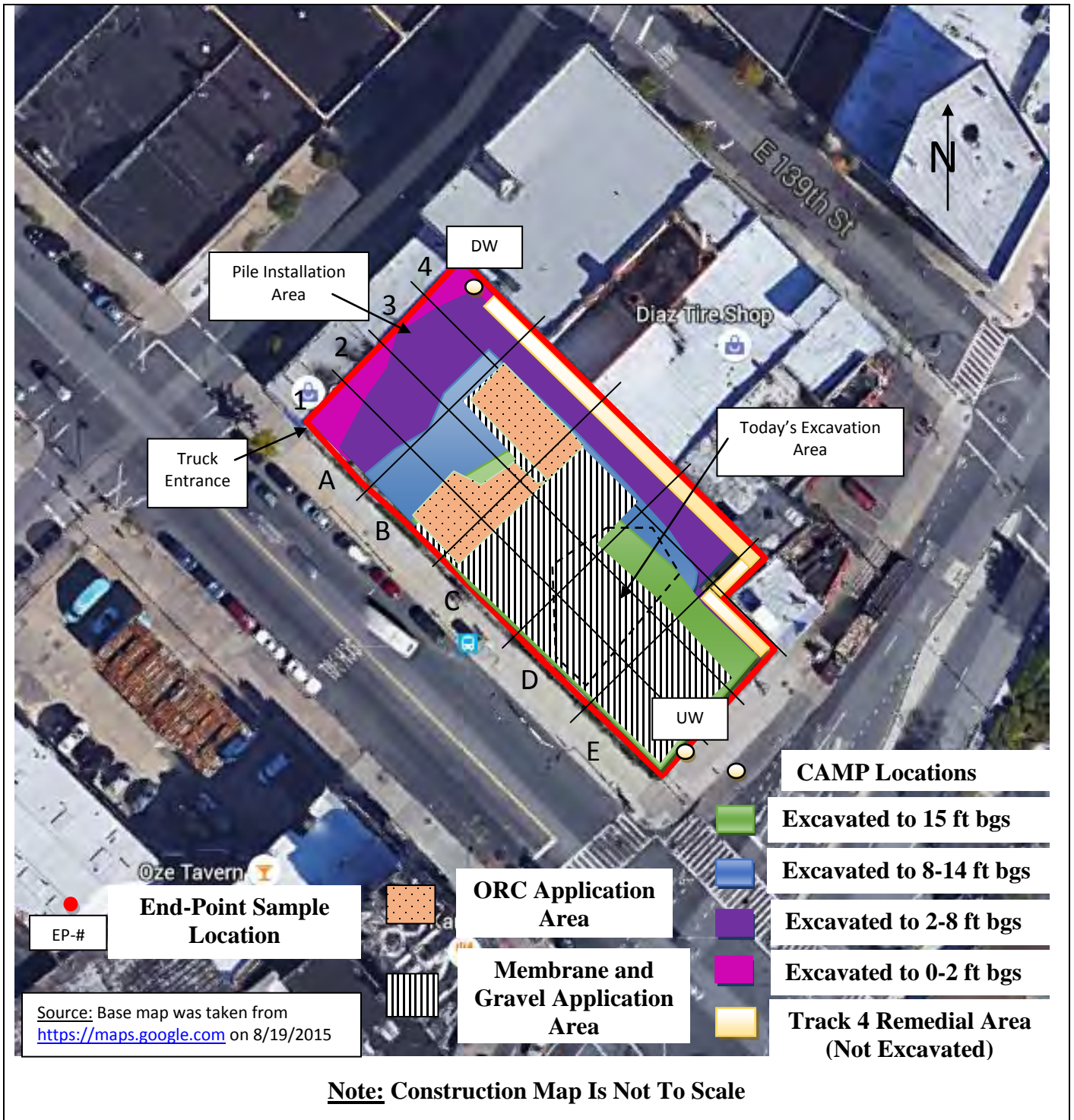
	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	432	10,800								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the installed grade beams and pile caps along the northern boundary of the Site, facing northwest.



Photo 2 –

View of the contractor excavating soil in the central portion of the Site, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor excavating soil along the southern boundary of the Site, facing east.



Photo 4 –

View of the contractor installing piles along the western boundary of the Site, facing southwest.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the Site,  
facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70	X	70-85		>85	
WIND	WNW 20-25 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	05/16/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

Contractor:

**Lettire Construction Corp.**

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor excavated soil along the southern E. 138<sup>th</sup> Street boundary of the Site for the installation of three (3) pile caps and in the central portion of the Site for one (1) grade beam.
- The contractor continued to install foundation piles along the western boundary of the Site.
- No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

- No equipment was delivered to the Site.

Equipment Removed From Site:

- No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A2, A3, C1, D1, and D2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (May 17, 2016):

-Continue excavating soil for pile cap and grade beam installation.  
 -Continue installation of foundation piles in the western portion of the Site.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	432	10,800								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the installed grade beam in the central portion of the Site, facing northeast.



Photo 2 –

View of the contractor excavating soil along the southern boundary of the Site for pile cap installation, facing east.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor installing the formwork for the pile cap installation along the southern boundary of the Site, facing east.



Photo 4 –

Additional view of the contractor excavating along the southern boundary of the Site, facing southwest.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	0 TO 32		32-50		50-70	X	70-85		>85	
WIND	SW 8-11 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	05/17/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp;

Safety Officer

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

**Erlandsen-Crowell & Shaw, LLP**

Andrew – Surveyor

Equipment on Site:**Lettire Construction Corp.**

CAT CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**GroundwaterTreatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil along the northern and southern boundaries of the Site for the installation of two (2) pile caps.

-The contractor applied the Oxygen Release Compound (ORC) Advanced® Pellets along the base of the pile cap excavation areas in the northern and southern portions of the Site.

-The contractor continued to weld piles and install the formwork for the pile cap installation along the southern boundary of the Site.

-The contractor continued to install foundation piles in the northern portion of the Site.

-No fugitive dust was observed throughout the day.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A2, A3, A4, B1, B3, B4, C1, C3, and C4.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

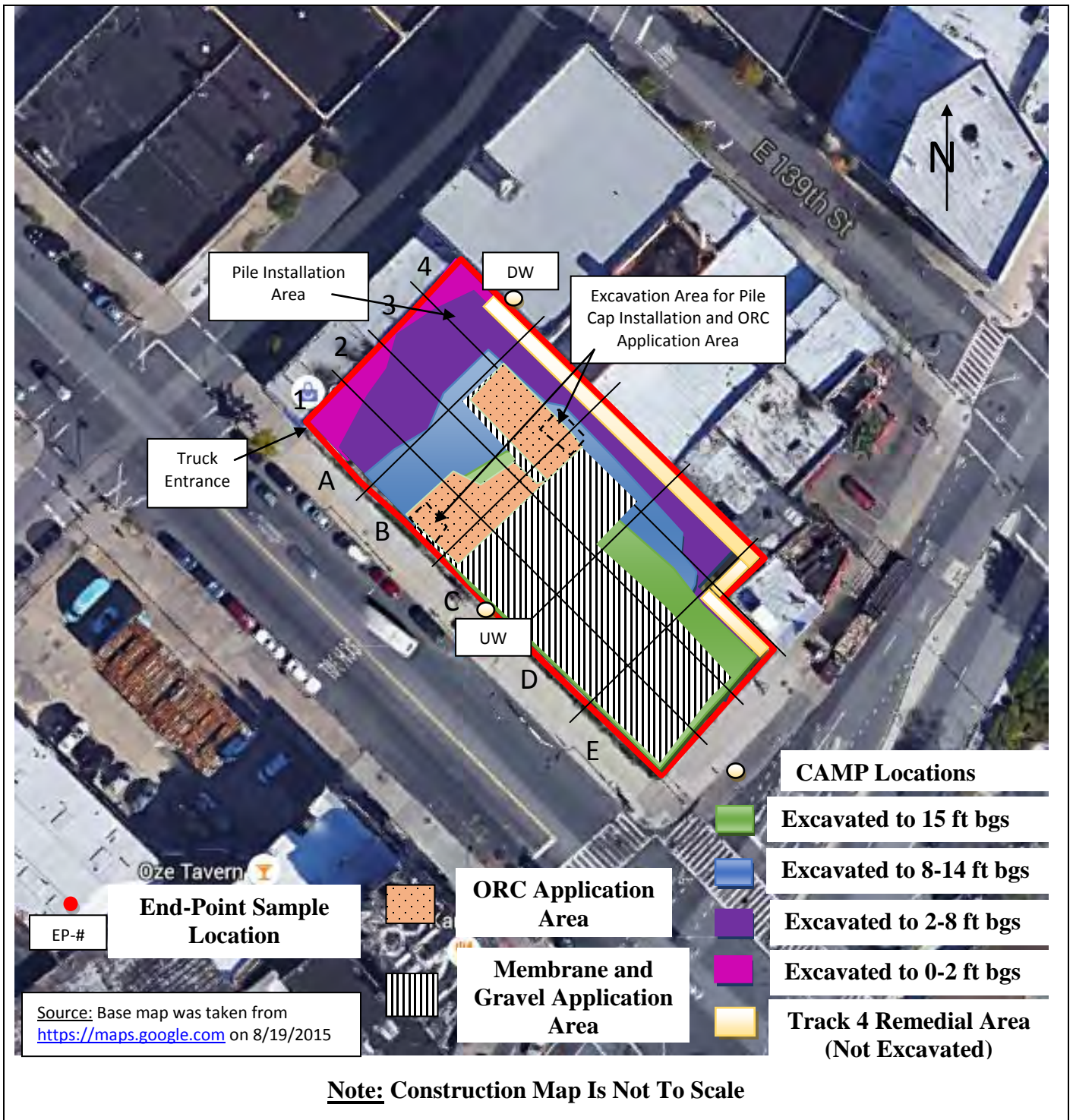
Description of Upcoming Work Activities (May 18, 2016):

-Continue excavating soil for pile cap and grade beam installation.  
 -Continue installation of foundation piles in the western portion of the Site.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	432	10,800								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil for the installation of a pile cap along the northern boundary of the Site, facing south.



Photo 2 –

View of the contractor cutting piles for the installation of the pile cap formwork, facing southeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the pile installation in the northern portion of the site, facing southwest.



Photo 4 –

View of the site, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70	X	70-85		>85	
WIND	NE 6-11 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	05/18/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp;

Safety Officer

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil in the eastern portion of the site in preparation for the foundation slab installation.

-The contractor installed the formwork and poured concrete for the pile cap installation along the southern and northern boundaries of the Site.

-The contractor continued to install foundation piles in the northern portion of the Site.

-No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A2, A3, A4, B1, B3, B4, D2, D3, E2, and E3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (May 19, 2016):

- Continue excavating soil in the eastern portion of the Site in preparation for the foundation slab installation.
- Continue excavating soil for pile cap and grade beam installation.
- Continue installation of foundation piles in the northern portion of the Site.
- Continue dewatering operations.

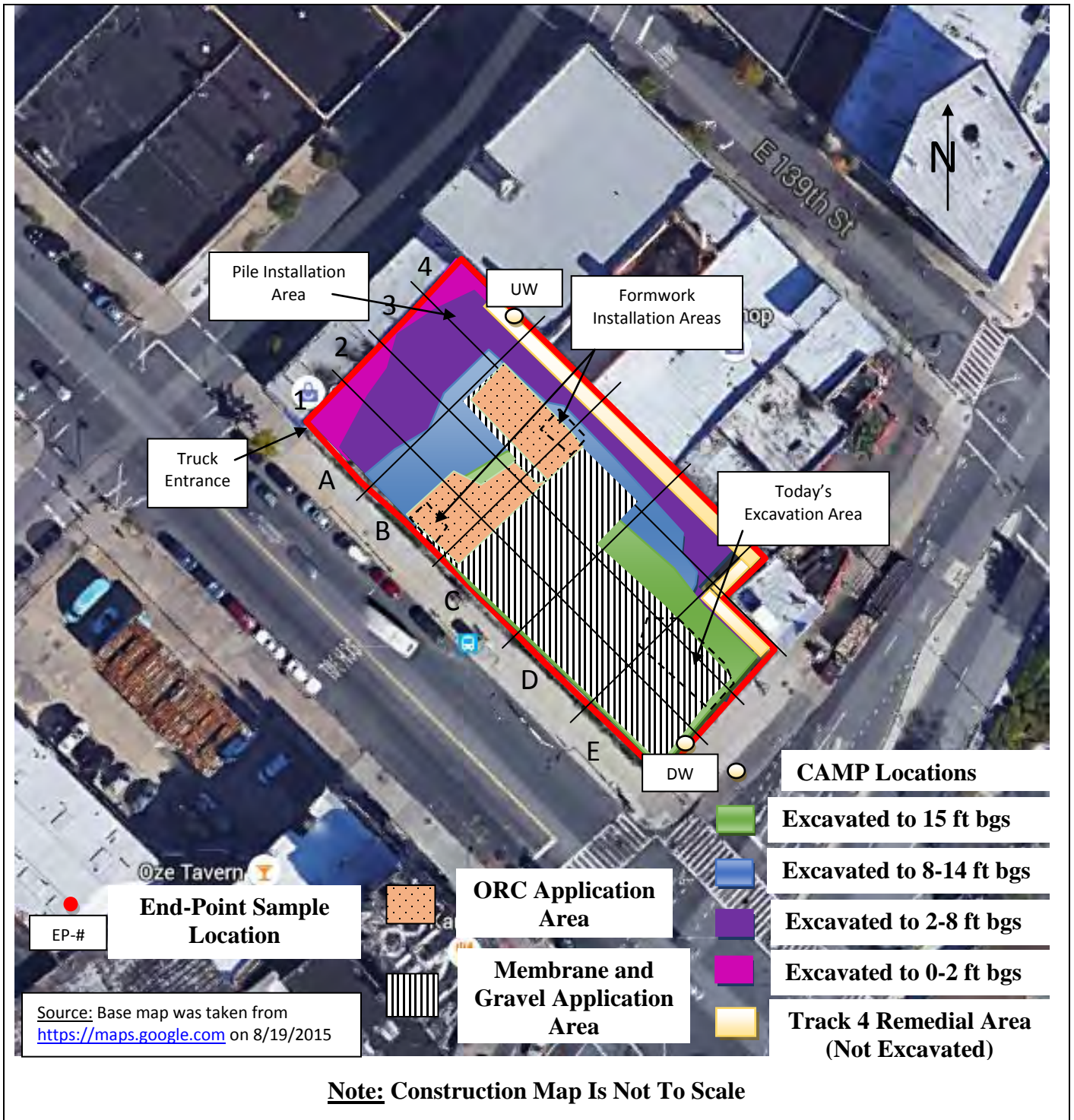
	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	432	10,800								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil in the eastern portion of the Site, facing southwest.



Photo 2 –

Additional view of the excavation area in the eastern portion of the Site, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor installing piles in the northern portion of the Site, facing southwest.



Photo 4 –

View of the installed pile caps along the southern boundary of the Site, facing northeast.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70	X	70-85		>85	
WIND	NW 3-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	05/19/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp;

Safety Officer

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor excavated soil in the central portion of the site.
- The contractor installed rebar, formwork, and the Preprufe 300R waterproofing membrane, manufactured by Grace, for the sewage ejector pit in the eastern portion of the Site.
- The contractor continued to install foundation piles in the northern portion of the Site.
- No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

- No equipment was delivered to the Site.

Equipment Removed From Site:

- One (1) 20-cubic yard roll-off container of trash was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-One (1) truck-load of three (3) to five (5)-inch virgin stone was imported to the Site from the Hamburg Quarry located in Hamburg, New Jersey.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A2, A3, A4, B1, B3, C1, C2, C3, B4, D2, and D3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

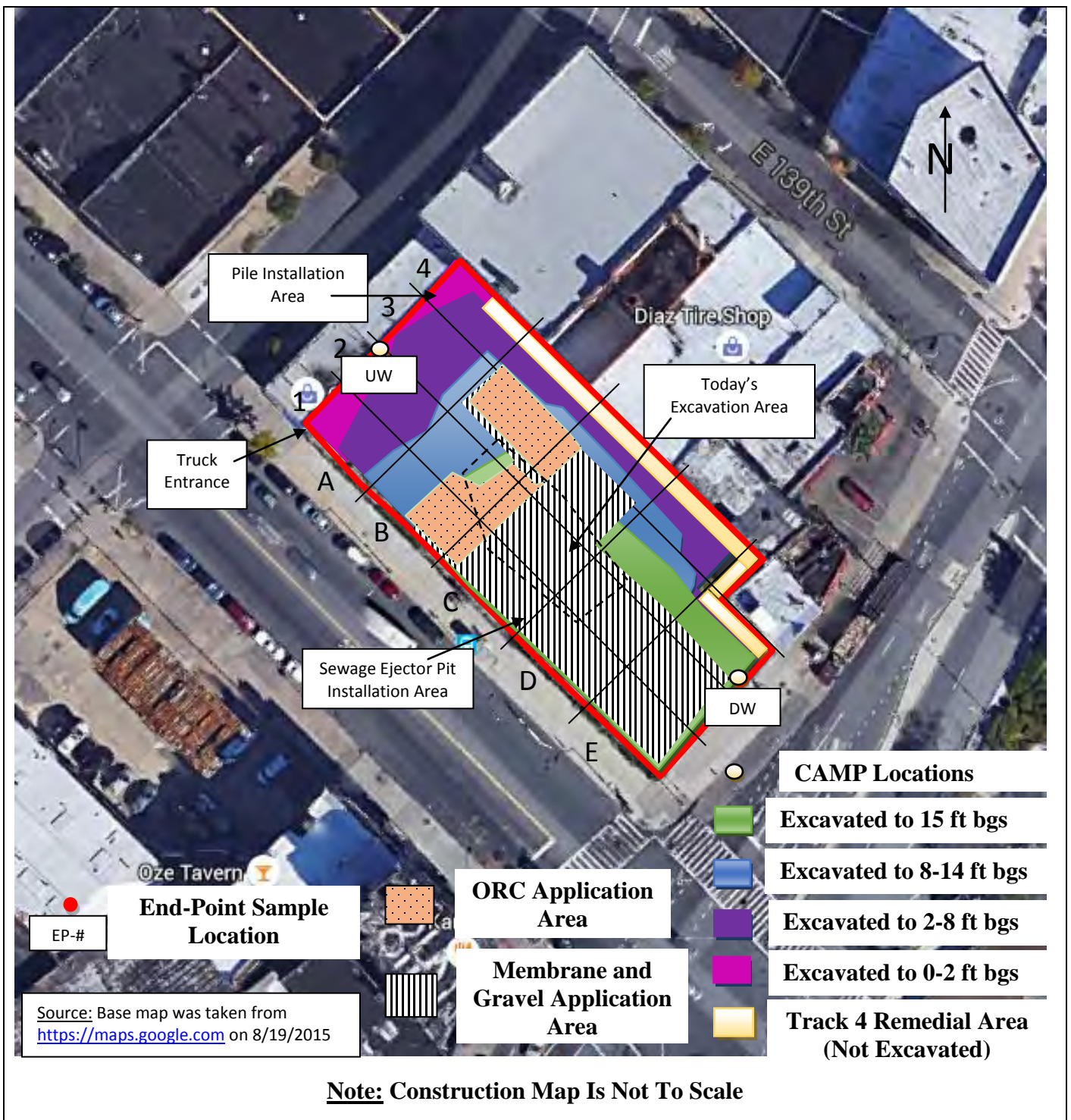
-None.

Description of Upcoming Work Activities (Friday, May 20, 2016):

-Continue excavating soil in the central portion of the Site in preparation for the foundation slab installation.  
 -Remove 20 truck-loads of soil off-site to Clean Earth of Carteret located in Carteret, New Jersey.  
 -Continue excavating soil and installing formwork for sewage ejector pit, pile cap, and grade beam installation.  
 -Continue installation of foundation piles in the northern portion of the Site.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	432	10,800								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil in the central portion of the Site, facing west.



Photo 2 –

View of the contractor installing rebar for the sewage ejector pit installation in the eastern portion of the Site, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor installing piles in the northern portion of the Site, facing northeast.



Photo 4 –

View of the Site, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70	X	70-85		>85	
WIND	NW 3-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	05/20/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp;

Safety Officer

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor excavated soil in the central and western portions of the Site.
- The contractor directly loaded twenty-two trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- The contractor welded piles along the southeast boundary of the Site.
- No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

- No equipment was delivered to the Site.

Equipment Removed From Site:

- No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Twenty-two truck-loads of non-hazardous soil were removed and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: A2, A3, A4, B1, B3, C1, C2, C3, B4, D2, and D3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

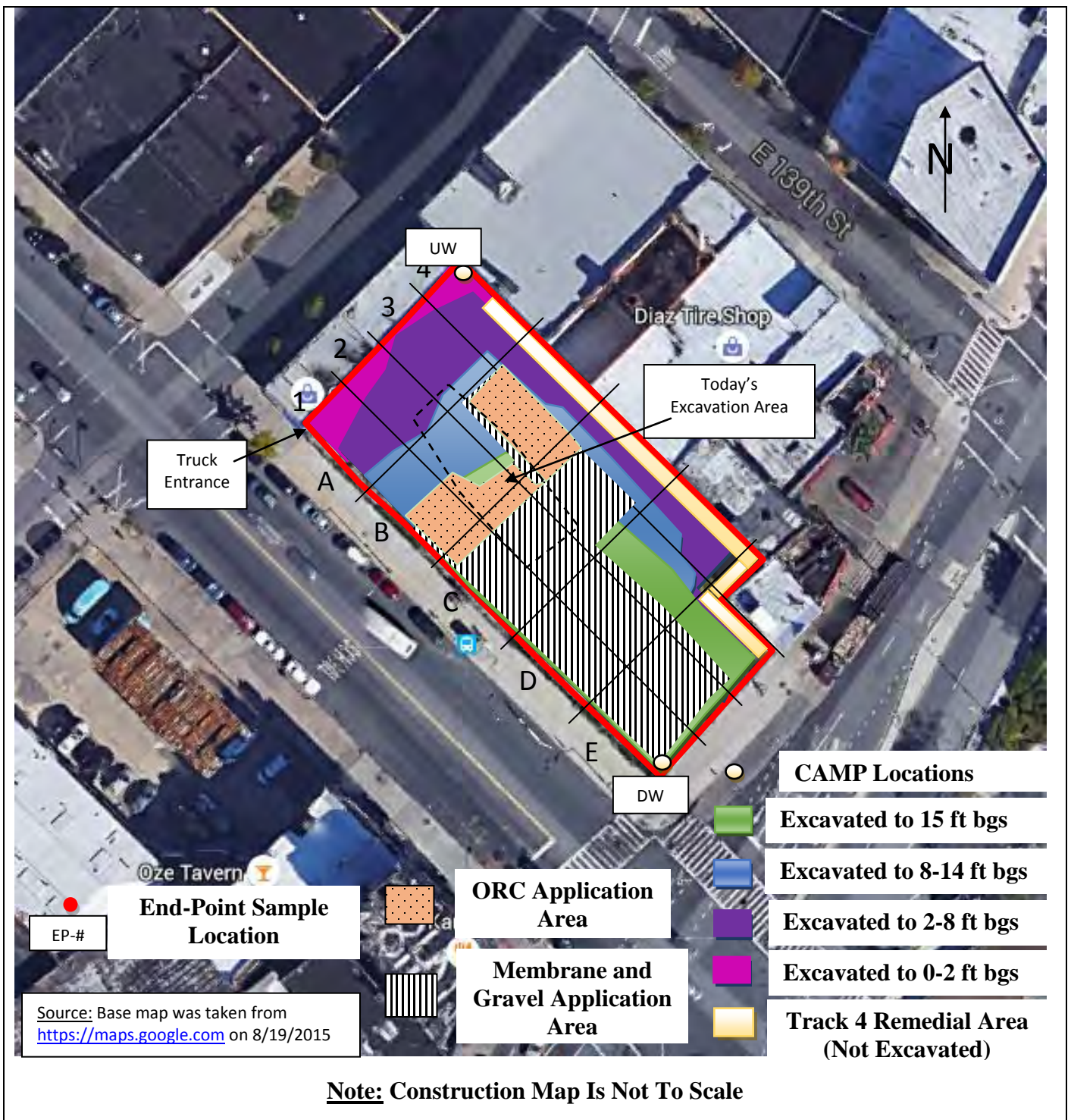
Description of Upcoming Work Activities (Next Week):

-Continue preparation for the foundation slab installation in the eastern portion of the Site.  
 -Continue excavating soil and installing formwork for sewage ejector pit, pile cap, and grade beam installation.  
 -Continue installation of foundation piles in the northern portion of the Site.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	22	550								
Total	454	11,350								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil in the western portion of the Site, facing west.



Photo 2 –

View of the contractor directly loading material for off-site disposal, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the site, facing southwest.



Photo 4 –

View of the Site,  
facing northwest.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	NW 3-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	05/25/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp;

Safety Officer

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil in the central portion of the Site.

-The contractor installed one (1) grade beam and began to install the underground plumbing in the eastern portion of the Site.

-The contractor drilled piles in the northern corner of the Site.

-No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-A truck-load of piles were delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Material Delivered to Site:

-One (1) truck-load of three (3) to five (5)-inch virgin stone was imported to the Site from the Hamburg Quarry located in Hamburg, New Jersey.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A2, A3, A4, B1, B3, C1, C2, C3, B4, D2, and D3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

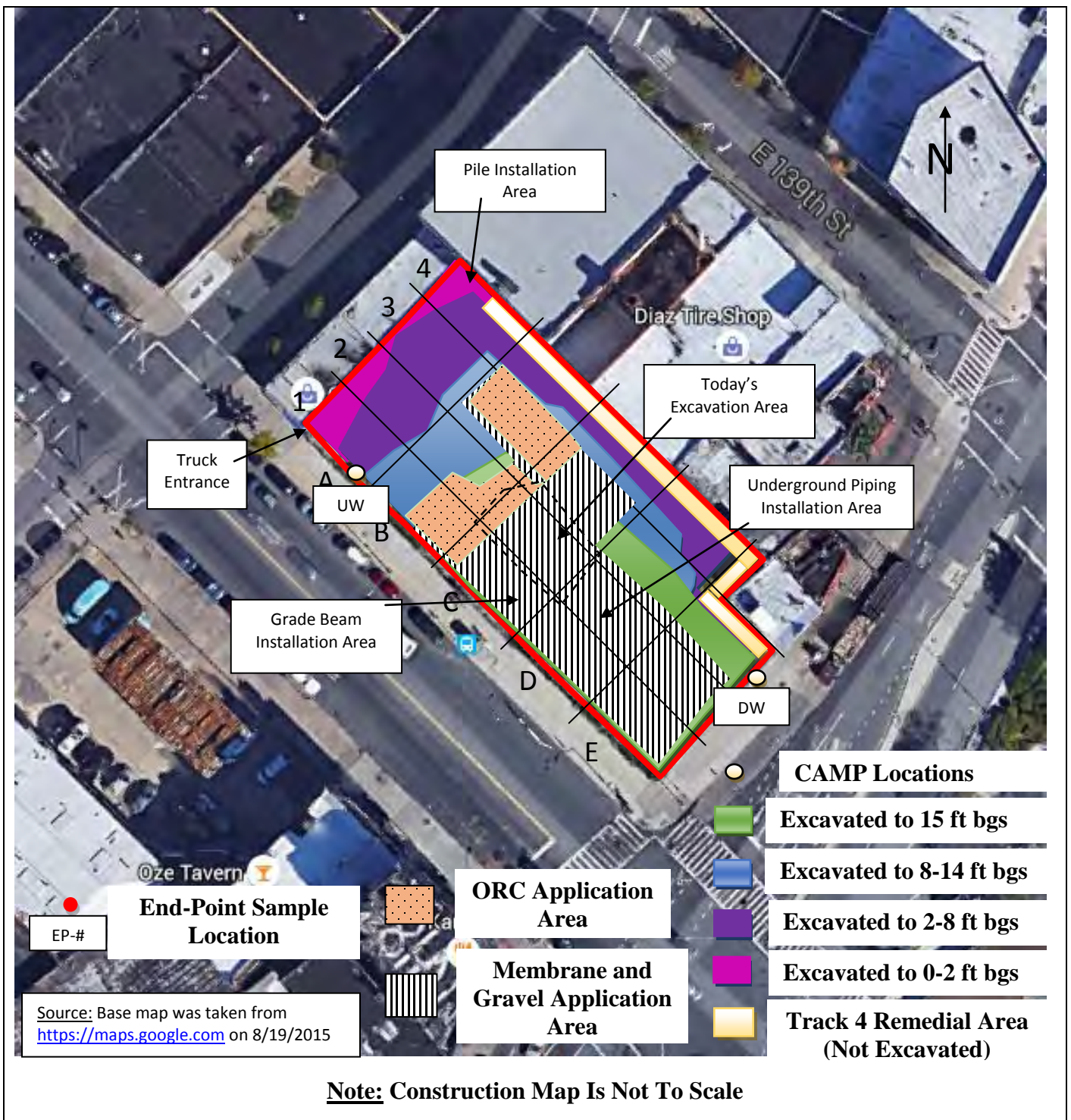
-None.

Description of Upcoming Work Activities (Thursday, May 26, 2016):

-Continue preparation for the foundation slab installation in the eastern portion of the Site.  
-Continue excavating soil for elevator pit, pile cap, grade beam, and underground piping installation.  
-Continue installation of foundation piles in the northern portion of the Site.  
-Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	454	11,350								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil in the central portion of the Site for the elevator pit, facing north.



Photo 2 –

View of the installed grade beam and sewage ejector pit in the eastern portion of the Site, facing east.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor installing the underground piping in the eastern portion of the Site, facing east.



Photo 4 –

View of the contractor installing piles in the northern corner of the Site, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	S 2-9 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	05/26/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

## Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

## Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

## Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

Equipment on Site:**Lettire Construction Corp.**

CAT CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**GroundwaterTreatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor excavated soil in the central portion of the Site for the elevator pit installation.
- The contractor continued to install underground plumbing conduits in the eastern portion of the Site.
- The contractor drilled piles in the northern corner of the Site.
- No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

- No equipment was delivered to the Site.

Equipment Removed From Site:

- No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A2, A3, A4, B1, B3, C1, C2, C3, B4, D2, and D3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

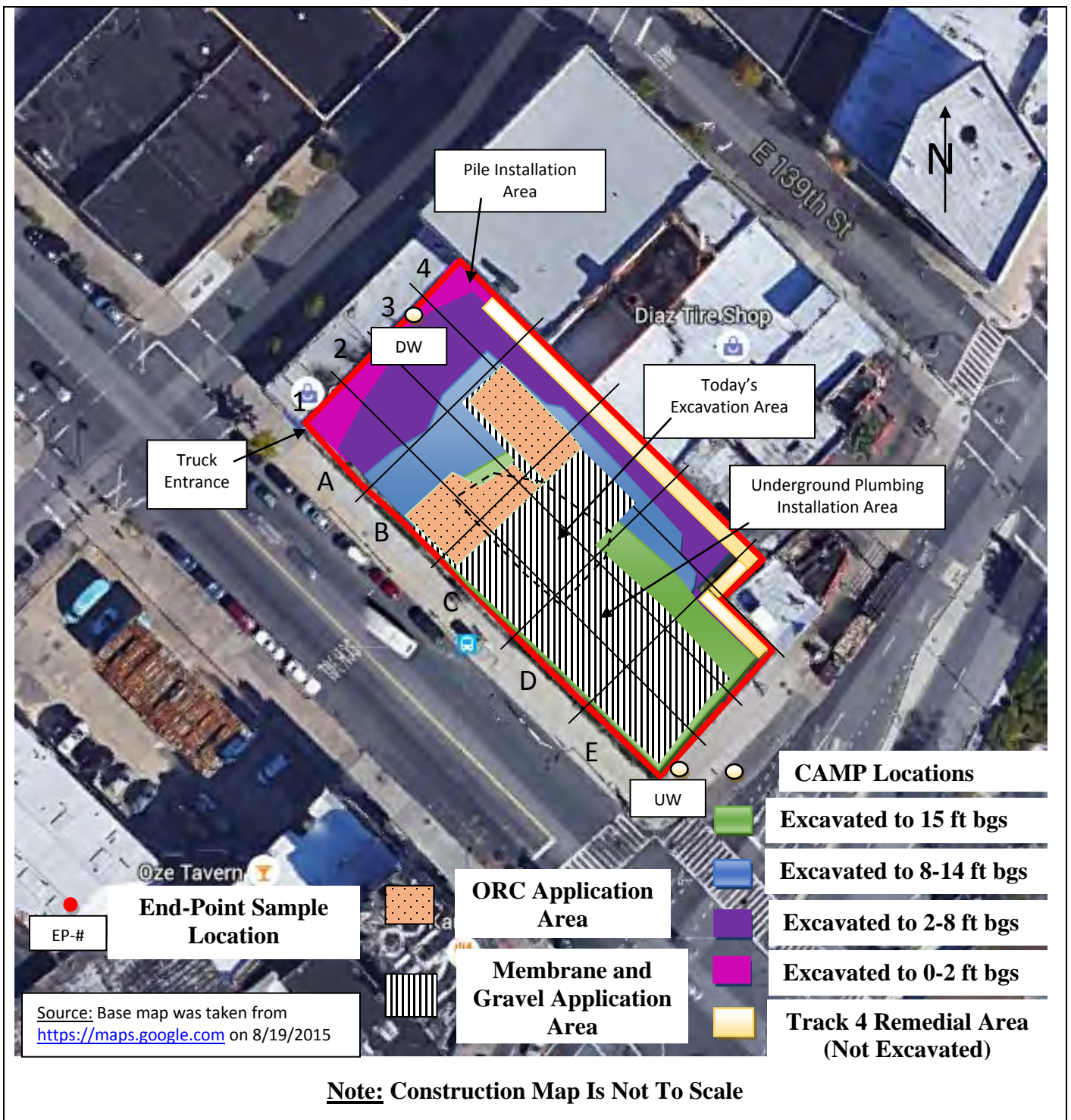
Description of Upcoming Work Activities (Friday, May 27, 2016):

- Continue preparation for the foundation slab installation in the eastern portion of the Site.
- Continue excavating soil for elevator pit, pile cap, grade beam, and underground piping installation.
- Continue installation of foundation piles in the northern portion of the Site.
- Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	-	-								
Total	454	11,350								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil in the central portion of the Site for the elevator pit, facing northeast.



Photo 2 –

View of the contractor installing the underground plumbing conduits in the eastern portion of the Site, facing east.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the Site,  
facing northwest.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	S 6 -11 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	05/27/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent &  
Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

**Erlandsen-Crowell & Shaw, LLP**

Andrew – Surveyor

Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**GroundwaterTreatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor performed minimal soil excavation in the central portion of the Site for the installation of one (1) pile cap.
- The contractor continued to prepare the eastern portion of the Site for the foundation slab installation.
- The contractor drilled piles in the northern corner of the Site.
- No fugitive dust was observed throughout the day.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Delivered to Site:

-A CAT PC128UU backhoe was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A3, A4, C1, C2, D1, D2, E1, and E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was not performed due to equipment malfunctioning; however, no fugitive dust was observed throughout the day.

Problems Encountered:

-None.

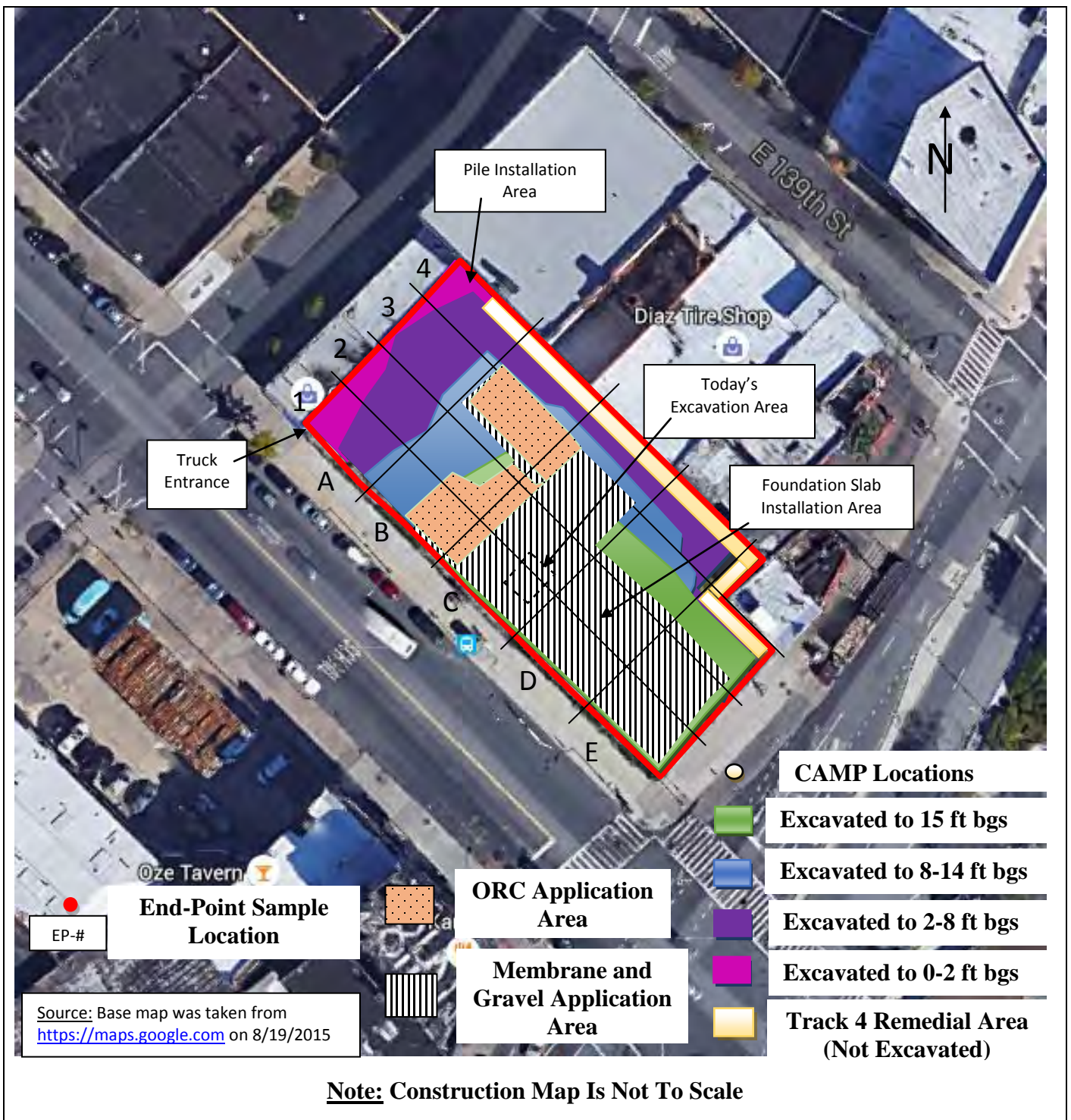
Description of Upcoming Work Activities (Tuesday, May 31, 2016):

-Continue excavation in the central portion of the Site and remove thirty truck-loads of soil off-site to the Clean Earth of Carteret facility located in Carteret, New Jersey.  
 -Continue pouring the concrete foundation slab in the eastern portion of the Site.  
 -Continue excavating soil for the elevator pit, pile cap, grade beam, and underground piping installation.  
 -Continue installation of foundation piles in the northern portion of the Site.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	454	11,350								

\* = cubic yard totals are approximate since countersigned manifests have yet to been received

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil in the central portion of the Site for the pile cap, facing northeast.



Photo 2 –

Close-up view of the pile cap excavation area in the central portion of the Site, facing southeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor drilling piles in the northern portion of the Site, facing northwest.



Photo 4 –

View of the Site, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	NNE 3-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	05/31/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

**Erlandsen-Crowell & Shaw, LLP**

Andrew – Surveyor

Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**GroundwaterTreatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor excavated soil in the central, western, and northeastern portions of the Site.
- The contractor directly loaded twenty-three trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- The contractor continued to prepare the eastern portion of the Site for the foundation slab installation.
- No fugitive dust was observed throughout the day.
- Dana Mecomber (NYSDEC) was on-site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Twenty-three truck-loads of non-hazardous soil were removed and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: A2, A3, B2, B3, C2, C3, D2, D3, E2, and E3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

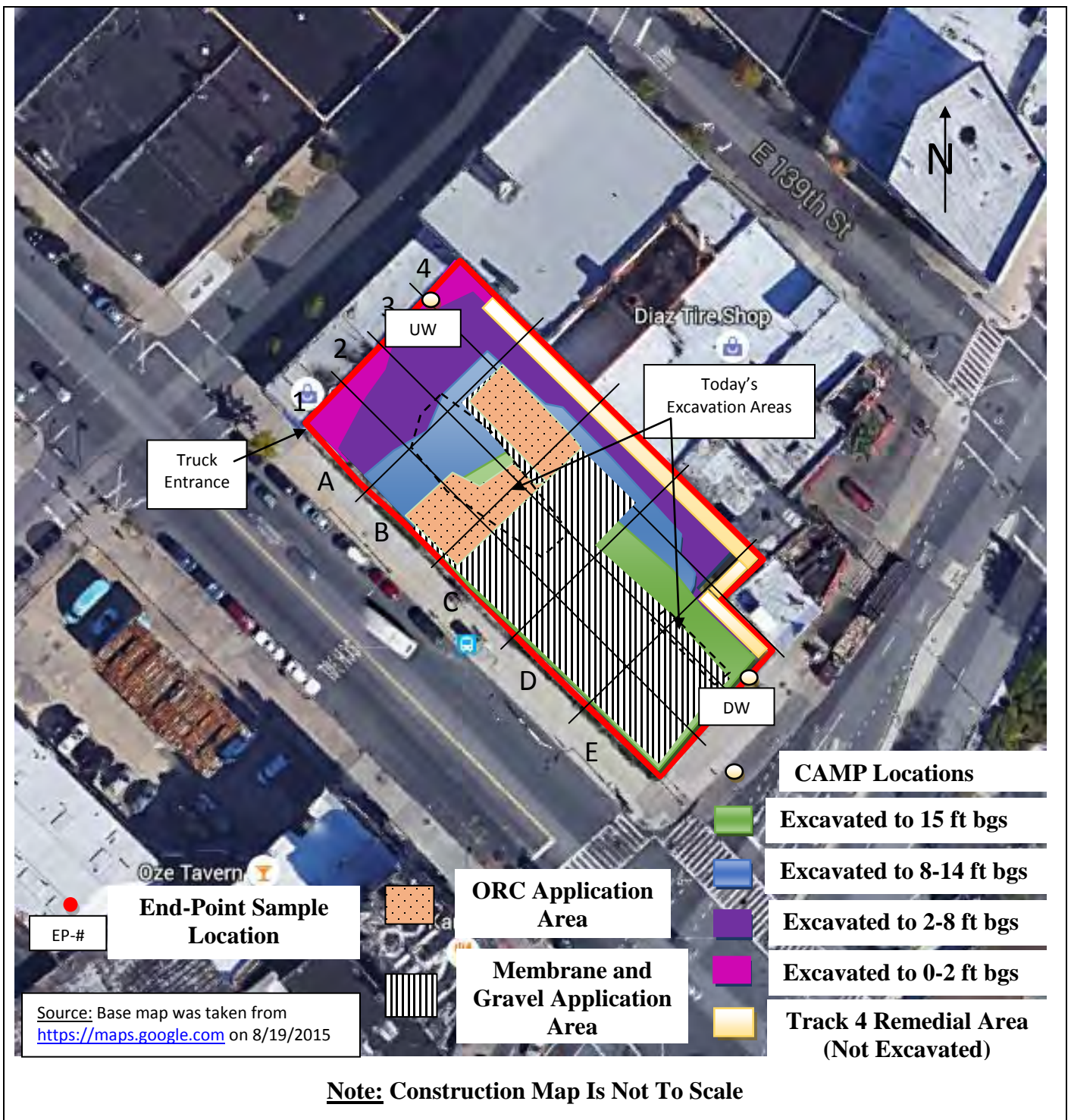
Description of Upcoming Work Activities (Wednesday, June 1, 2016):

-Grade soil and begin to install rebar and waterproofing membrane for the foundation slab installation in the eastern portion of the Site.  
 -Continue pouring the concrete rat slab in the eastern portion of the Site.  
 -Continue installation of foundation piles in the northern portion of the Site.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	23	575								
Total	477	11,925								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil in the western portion of the Site, facing north.



Photo 2 –

View of the contractor directly loading material for off-site disposal, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor excavating soil in the eastern portion of the Site, facing northeast.



Photo 4 –

View of an exiting truck being cleaned with water prior to leaving the Site, facing northwest.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the Site,  
facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	ENE 4-8 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	06/01/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**GES-PC**

Yousouff Boubaa – Inspector

Contractor:

**Lettire Construction Corp.**Alex Adduci – Project Manager  
Edwin – Security  
Fritz – Laborer  
Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Environmental Bulkheading Corp.**Steven Kahn – Driller  
Rayon Walker – Laborer  
Phillip Stevens – Laborer  
Damian Banckwood – Laborer**Erlandsen-Crowell & Shaw, LLP**

Andrew – Surveyor

Equipment on Site:**Lettire Construction Corp.**CAT PC128UU Backhoe  
CAT 315 L Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer  
LANDA 3500 PSI Power Washer**Environmental Bulkheading Corp.**CAT314C CR Backhoe  
M9-1 Pile Drill  
Concrete EuroDrill**GroundwaterTreatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor excavated soil in the central portion of the Site for the installation of one (1) pile cap.
- The contractor applied the Oxygen Release Compound (ORC) Advanced® Pellets along the base of the pile cap excavation area in the central portion of the Site.
- The contractor poured concrete for the pile cap in the central portion of the Site and for the rat slab in the southeastern portion of the Site.
- The contractor began to install the Preprufe 300R waterproofing membrane, manufactured by Grace, above the rat slab in the southeastern portion of the Site.
- The contractor continued to install piles along the western boundary of the Site.
- No fugitive dust was observed throughout the day.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-One (1) CAT Backhoe was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: B1, B2, C1, C2, C3, D1, D2, D3, E2, and E3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

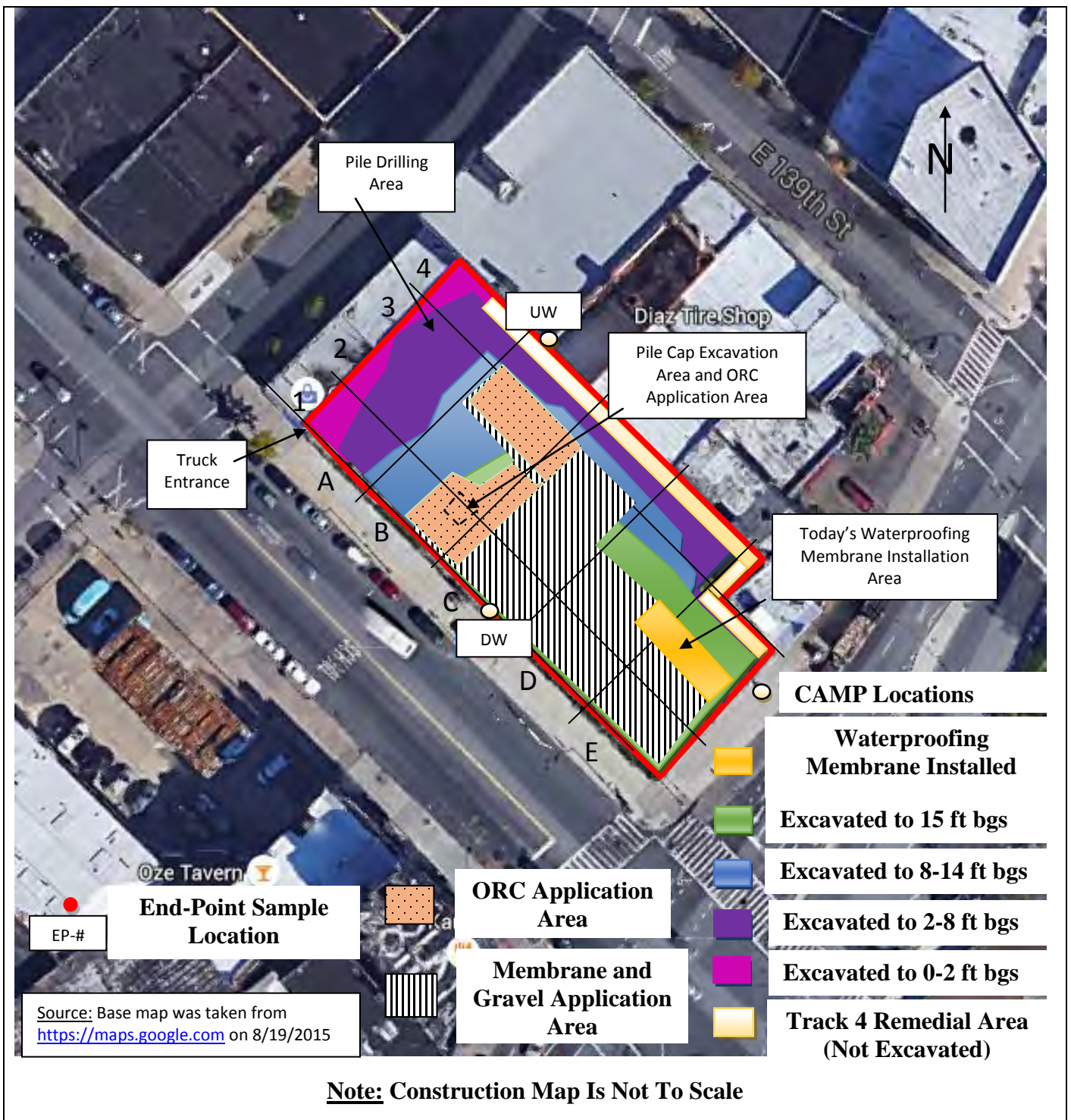
Description of Upcoming Work Activities (Thursday, June 2, 2016):

-Continue to install the waterproofing membrane and rebar for the foundation slab installation in the eastern portion of the Site.  
 -Continue excavation for the elevator pit in the central portion of the Site.  
 -Continue installation of foundation piles in the northern portion of the Site.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
	-	-								
Total	477	11,925								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil in the central portion of the Site for installation of a pile cap, facing northeast.



Photo 2 –

View of the installed waterproofing membrane above the rat slab in the eastern portion of the Site, facing east.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

Close-up view of the contractor installing the waterproofing membrane in the eastern portion of the Site, facing northwest.



Photo 4 –

View of the contractor pouring concrete in the central portion of the Site for the pile cap installation, facing northeast.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	E 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	06/02/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**GES-PC**

– Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent &  
Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

**Erlandsen-Crowell & Shaw, LLP**

Andrew – Surveyor

Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**GroundwaterTreatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor excavated soil in the central portion of the Site for the elevator pit installation.
- The contractor continued to install the Preprufe 300R waterproofing membrane, manufactured by Grace, over the rat slab in the southeastern portion of the Site.
- The contractor continued to install piles along the western boundary of the Site.
- No fugitive dust was observed throughout the day.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A3, C1, C2, E1, and E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

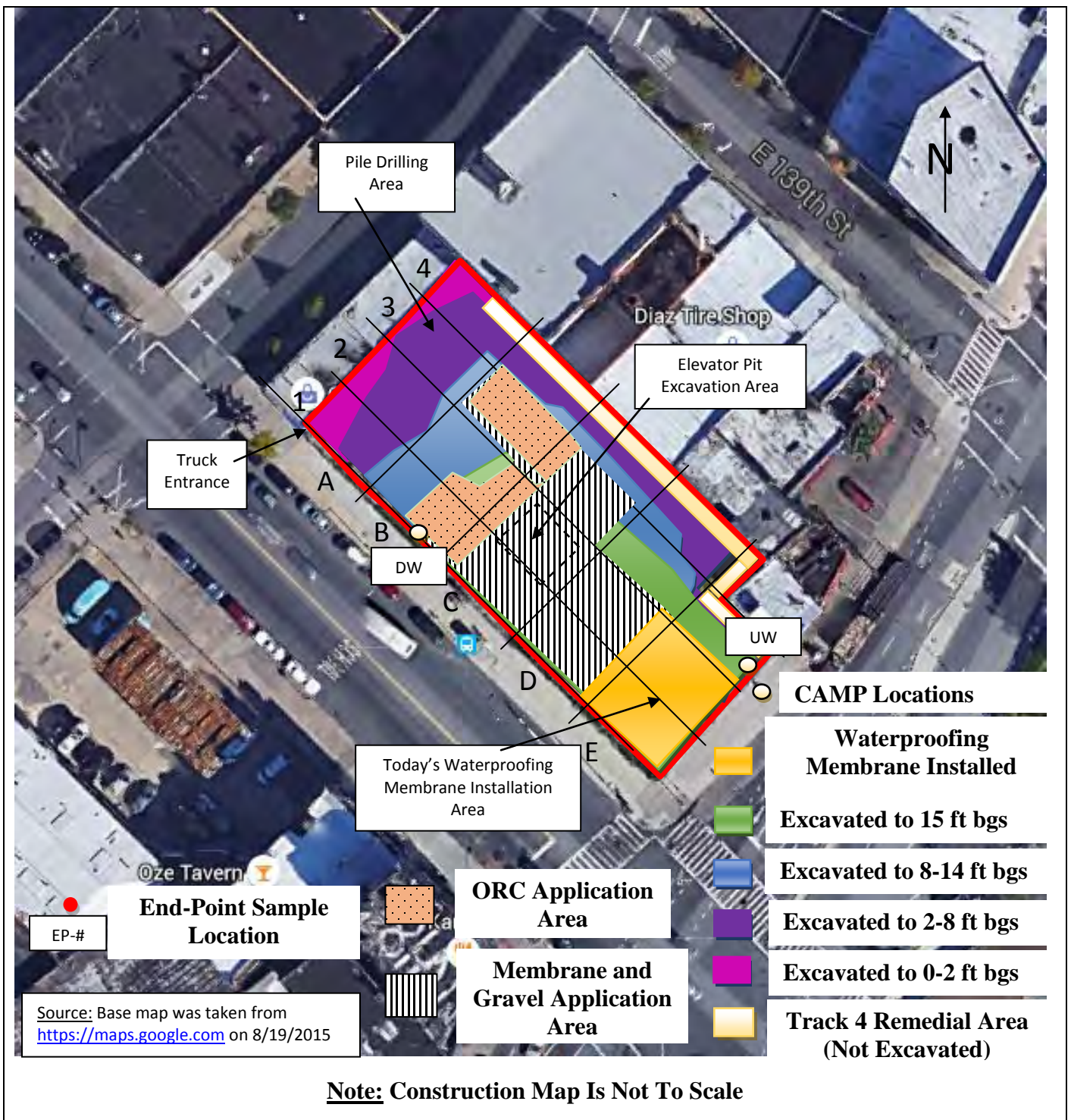
-None.

Description of Upcoming Work Activities (Friday, June 3, 2016):

-Continue to install the waterproofing membrane and rebar for the foundation slab installation in the eastern portion of the Site.  
 -Continue installation of foundation piles in the northern portion of the Site.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
	-	-								
Total	477	11,925								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil in the central portion of the Site for the elevator pit installation, facing northwest.



Photo 2 –

View of the installed waterproofing membrane in the eastern portion of the Site, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

Close-up view of the installed Preprufe 300R Waterproofing Membrane, the Bituthene Liquid Membrane, and the Preprufe Tape LT.



Photo 4 –

View of the Site, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	NW 4-7 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	06/15/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent &  
Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

**Erlandsen-Crowell & Shaw, LLP**

Andrew – Surveyor

Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**GroundwaterTreatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor excavated soil in the western and northern portions of the Site.
- The contractor directly loaded twenty-four trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- The contractor installed the foundation slab and continued to install formwork for the sidewall installation in the southern corner of the Site.
- No fugitive dust was observed throughout the day.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Twenty-four truck-loads of non-hazardous soil were removed and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: A2, A3, B2, B3, E1, and E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Thursday, June 16, 2016):

-Pour concrete for the sidewall installation in the southern corner of the Site.  
 -Excavate soil for the elevator pit installation in the central portion of the Site.  
 -Continue dewatering operations.

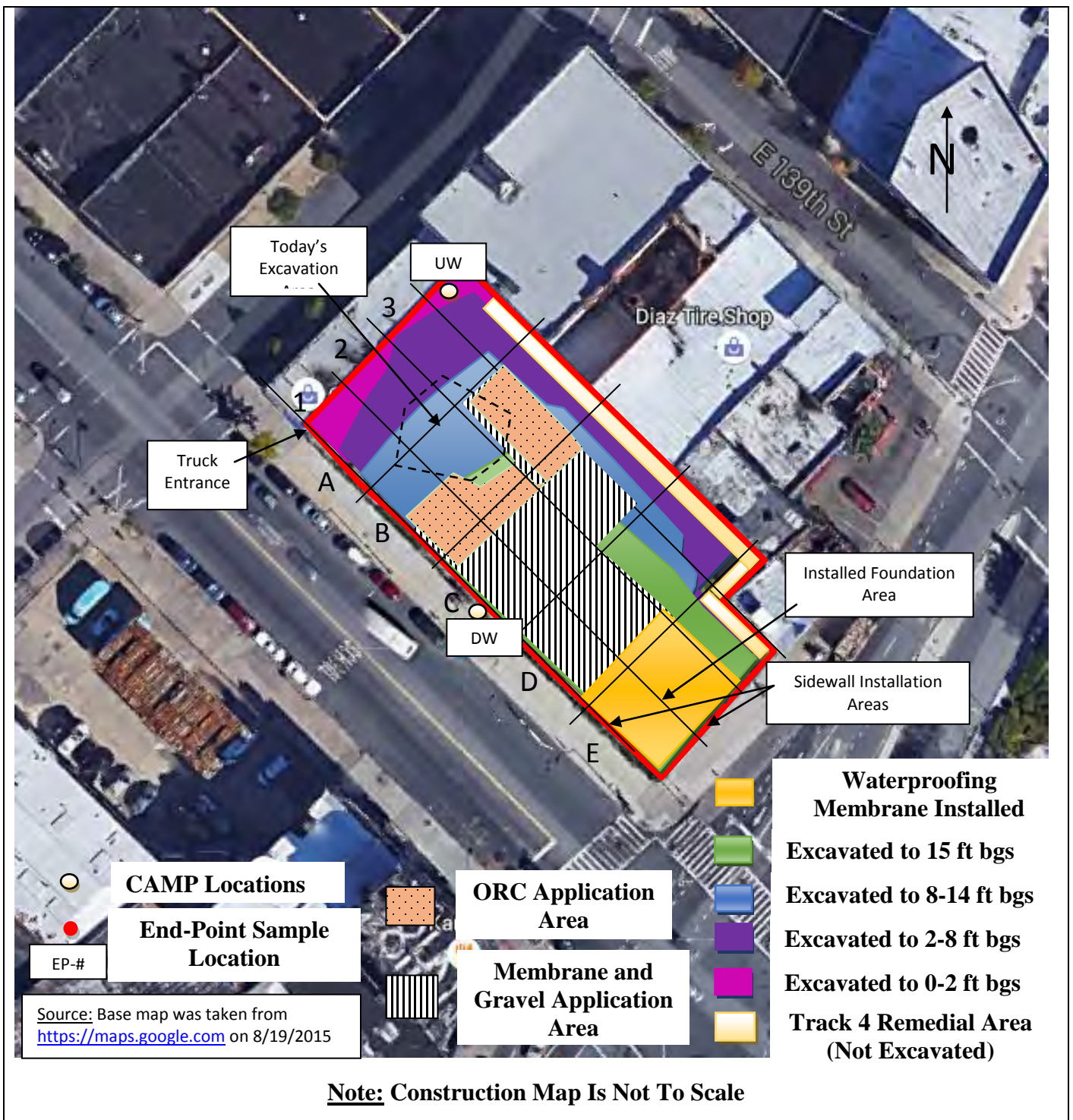
	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	24	600								
Total	501	12,525								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil in the northern and western portions of the Site, facing north.



Photo 2 –

View of the contractor directly loading soil for off-site disposal, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the installed foundation slab and sidewall formwork in the southeastern corner of the Site, facing south.



Photo 4 –

View of the Site, facing northwest.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the contractor cleaning the wheels of an exiting truck with water prior to leaving the Site, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	W 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	06/16/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent &  
Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Environmental Bulkheading Corp.**

Steven Kahn – Driller

Rayon Walker – Laborer

Phillip Stevens – Laborer

Damian Banckwood – Laborer

**Erlandsen-Crowell & Shaw, LLP**

Andrew – Surveyor

Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Environmental Bulkheading Corp.**

CAT314C CR Backhoe

M9-1 Pile Drill

Concrete EuroDrill

**GroundwaterTreatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor excavated soil for the elevator pit installation in the central portion of the Site.
- The contractor poured concrete for the sidewalls and continued to install formwork in the southern corner of the Site.
- No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

- No equipment was delivered to the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-A truck-load of timber was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: B2, E1, and E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Friday, June 17, 2016):

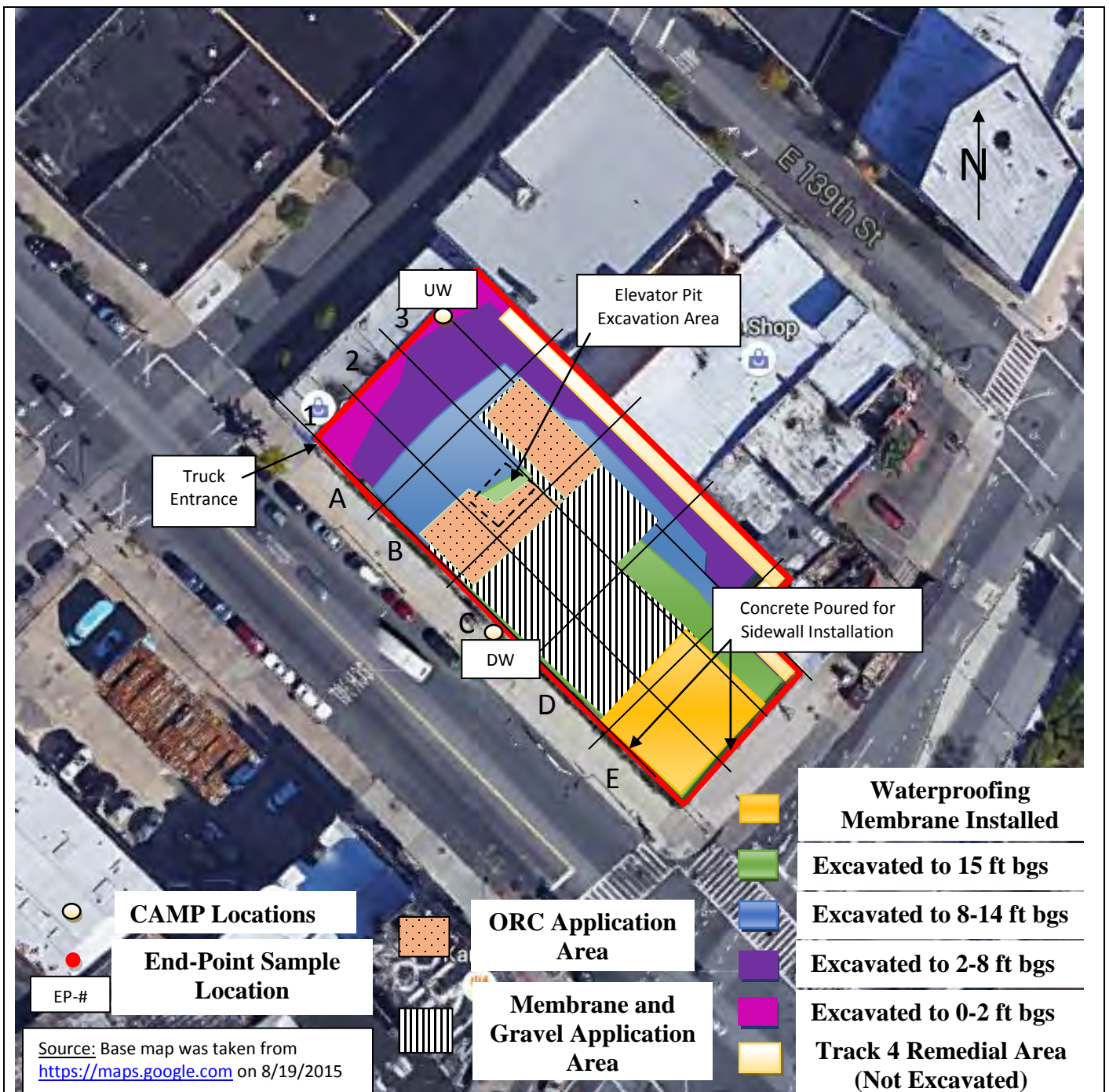
-Excavate soil in the western and northern portions of the Site and remove fifteen truck-loads of non-hazardous materials off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.  
-Continue excavating soil and installing pile caps for the elevator pit installation in the central portion of the Site.  
-Continue installing formwork in the southern portion of the Site.  
-Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	501	12,525								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**



**Note: Construction Map Is Not To Scale**



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil in the central portion of the Site, facing northeast.



Photo 2 –

View of contractor pouring concrete for the sidewall installation in the southern portion of the Site, facing south.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

Additional view of the excavation area, facing southwest.



Photo 4 –

View of the Site, facing south.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	NE 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	06/17/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent &  
Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.****Erlandsen-Crowell & Shaw, LLP**

Andrew – Surveyor

Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil for one (1) pile cap along the northern boundary of the Site and for the elevator pit installation in the central portion of the Site.

-The contractor removed formwork from the sidewalls in the southern corner of the Site.

-No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-Approximately 50 cubic yards of three (3) to five (5)-inch stone was imported to the Site from the Hamburg Quarry located in Hamburg, New Jersey.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: B2, B3, B4, C2, E1, and E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

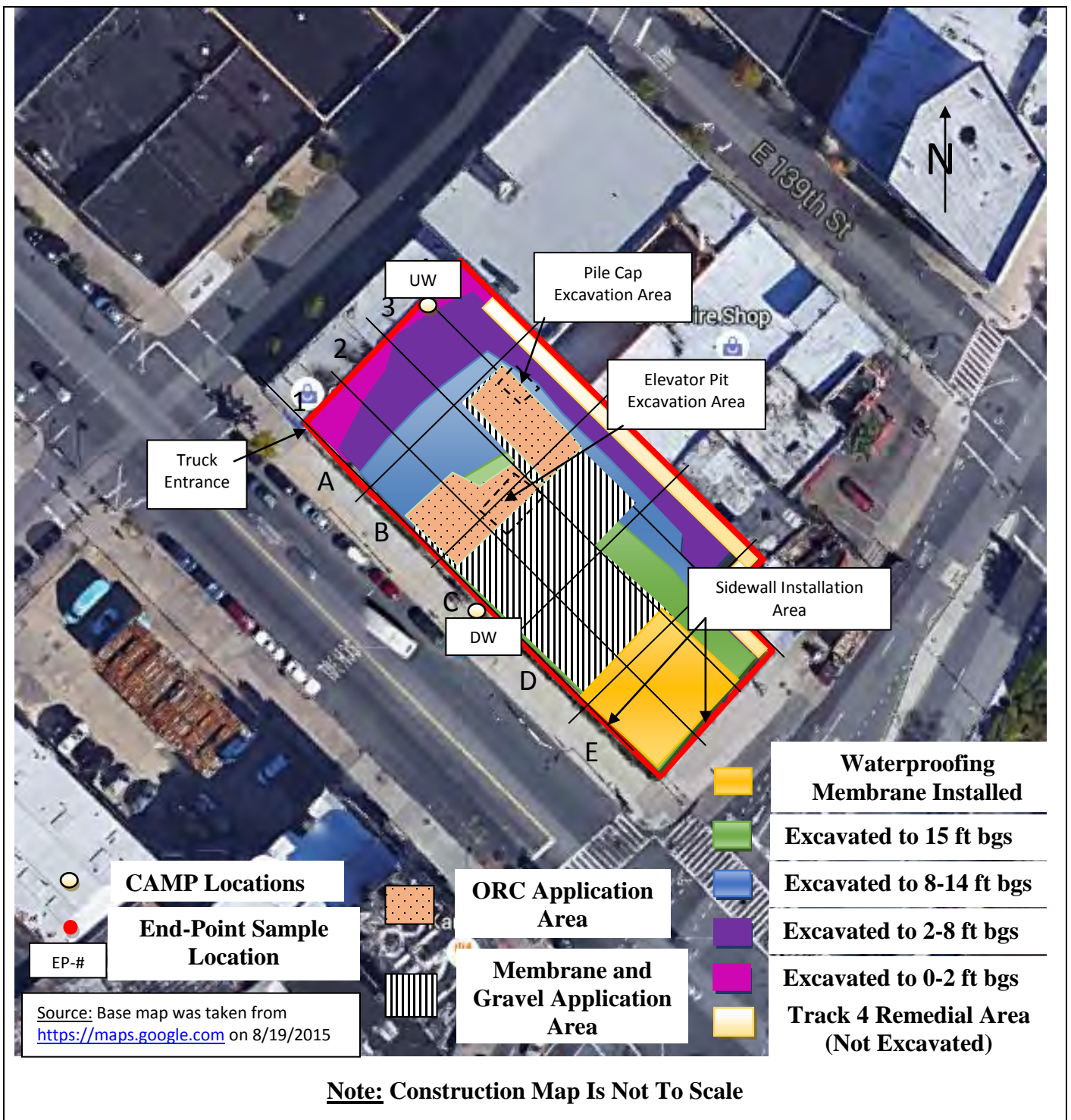
-None.

Description of Upcoming Work Activities (Monday, June 20, 2016):

-Pour concrete for the elevator pit in the central portion of the Site.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	501	12,525								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil for the elevator pit installation in the central portion of the Site, facing northeast.



Photo 2 –

View of the contractor excavating soil in the northern portion of the Site for the pile cap installation, facing southwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

Additional view of the excavation area, facing southwest.



Photo 4 –

View of the installed sidewalls in the southern portion of the Site, facing south.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	NE 10-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	06/22/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent &  
Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.****Erlandsen-Crowell & Shaw, LLP**

Andrew – Surveyor

Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor installed the Preprufe 300R waterproofing membrane, manufactured by Grace, along the base and the sidewalls of the elevator pit in the central portion of the Site.

-The contractor installed a pile cap and grade beam along the northern boundary of the Site.

-The contractor continued to install formwork and rebar in the southern corner of the Site.

-No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: E1 and E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was not performed because no soil excavation activities occurred today.

Problems Encountered:

-None.

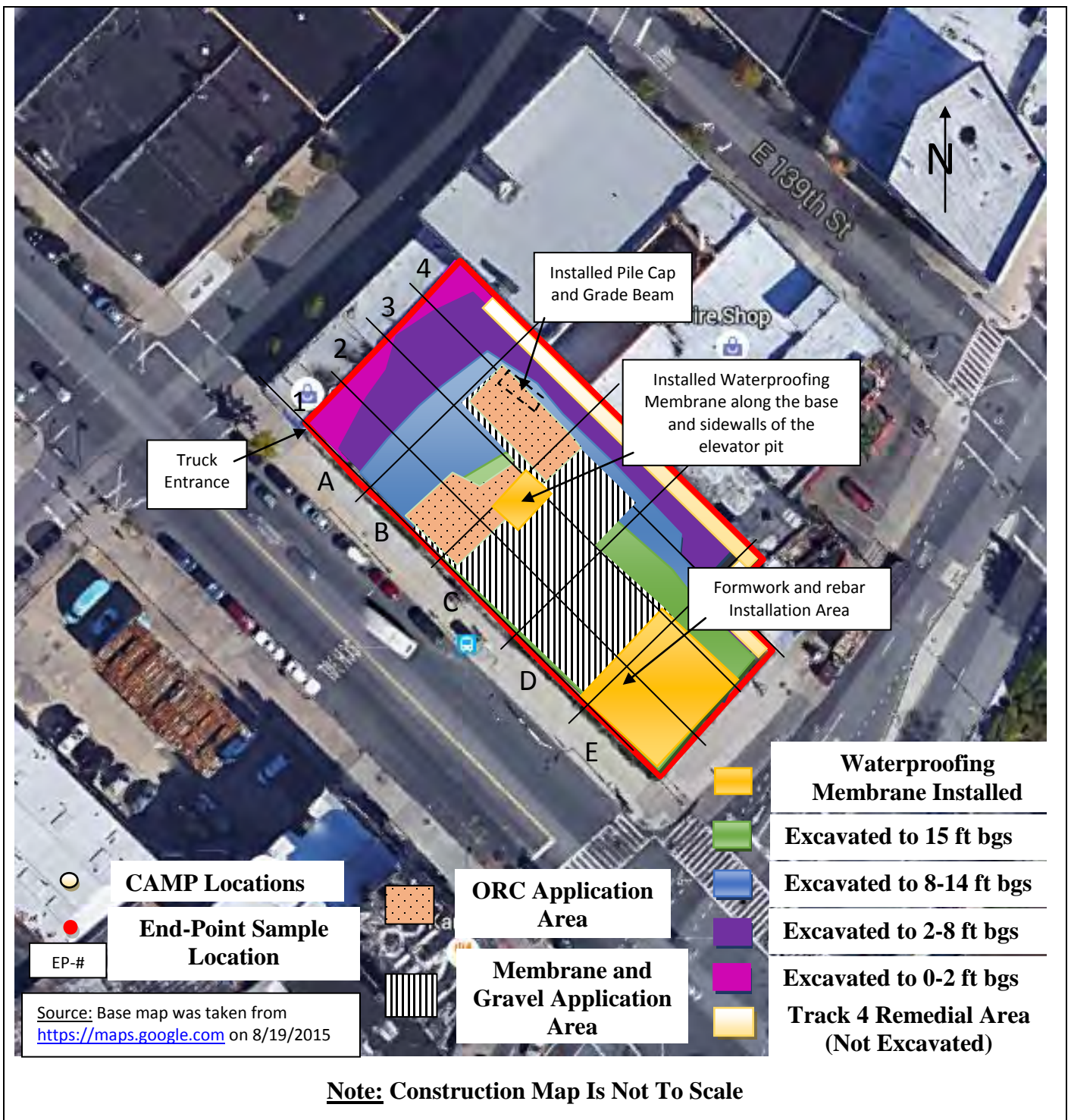
Description of Upcoming Work Activities (Thursday, June 23, 2016):

-Excavate soil in the western and northern portions of the site and remove approximately 15 truck-loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.  
 -Continue to install formwork and rebar in the southern corner of the Site.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	501	12,525								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the installed elevator pit in the central portion of the Site, facing west.



Photo 2 –

Close-up view of the waterproofing membrane installed along the sidewalls of the elevator pit in the central portion of the Site.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the waterproofing membrane installed at the base of the elevator pit.



Photo 4 –

View of the installed pile cap and grade beam along the northern boundary of the Site, facing southeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the contractors installing formwork and rebar in the southern portion of the Site, facing south.



Photo 6 –

View of the Site, facing south.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	ESE 4-6 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	06/23/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent &  
Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.****Erlandsen-Crowell & Shaw, LLP**

Andrew – Surveyor

Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil in the western portion of the Site and removed 15 truck-loads of non-hazardous soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.

-The contractor continued to install formwork and rebar and continued to pour concrete for the interior cellar walls in the southern corner of the Site.

-No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-15 truck-loads of non-hazardous material were disposed of off-site at the Clean Earth of Carteret Facility, located in Carteret, New Jersey.

Working In Grid #s: A1, A2, B1, B2, E1 and E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Friday, June 24, 2016):

-Excavate soil in the central and western portions of the Site for the installation of grade beams and pile caps.  
 -Continue to install formwork and rebar in the southern corner of the Site.  
 -Continue dewatering operations.

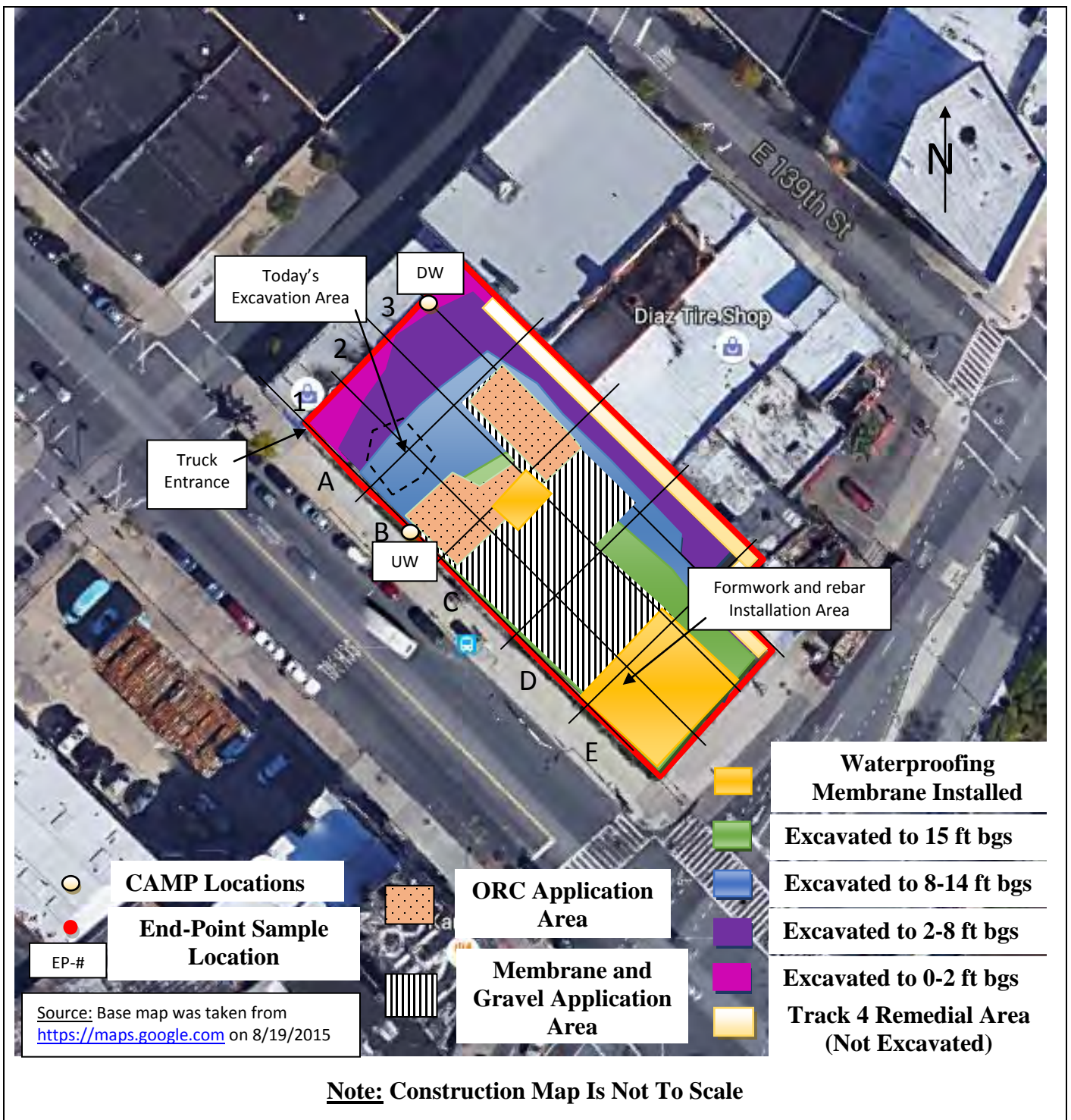
	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	15	375								
Total	516	12,900								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil in the western portion of the Site, facing north.



Photo 2 –

Additional view of the contractor excavating soil in the western portion of the Site, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading material for off-site disposal, facing north.



Photo 4 –

View of the contractor installing formwork and rebar in the southern portion of the Site, facing west.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the Site,  
facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	ESE 9-11 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	06/24/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent &  
Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.****Erlandsen-Crowell & Shaw, LLP**

Andrew – Surveyor

Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil in the central and western portions of the Site for the installation of two (2) pile caps and one (1) grade beam.

-The contractor continued to install formwork in the southern corner of the Site.

-No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: B1, C3, E1 and E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

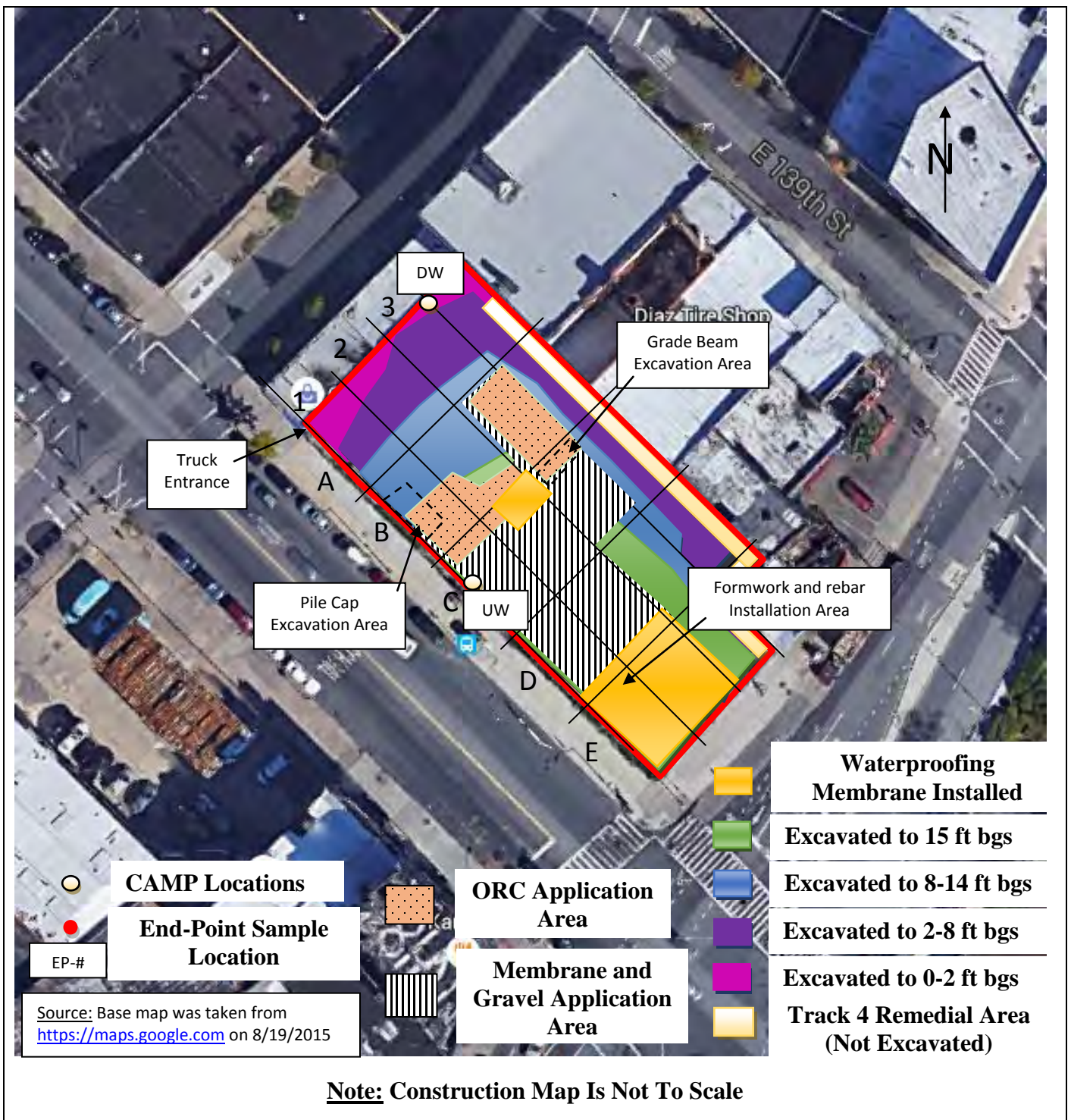
Description of Upcoming Work Activities (Monday, June 27, 2016):

-Continue to excavate soil in the central and western portions of the Site for the installation of grade beams and pile caps.  
 -Continue to install formwork and rebar in the southern corner of the Site.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	-	-								
Total	516	12,900								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil for the grade beam installation in the central portion of the Site, facing south.



Photo 2 –

View of the grade beam installation in the central portion of the Site, facing south.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor excavating soil for a pile cap along E. 138<sup>th</sup> Street, facing southeast.



Photo 4 –

View of the Site, facing southeast.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	SW 9-14 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	06/27/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent &  
Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.****Erlandsen-Crowell & Shaw, LLP**

Andrew – Surveyor

Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor graded soil and installed formwork in the western and central portions of the Site in preparation for the mud/rat slab installation.

-The contractor installed one (1) pile cap and three (3) grade beams in the central portion of the Site.

-The contractor continued to install the underground utility conduits along the southern boundary of the Site.

-No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: B1, C3, E1 and E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

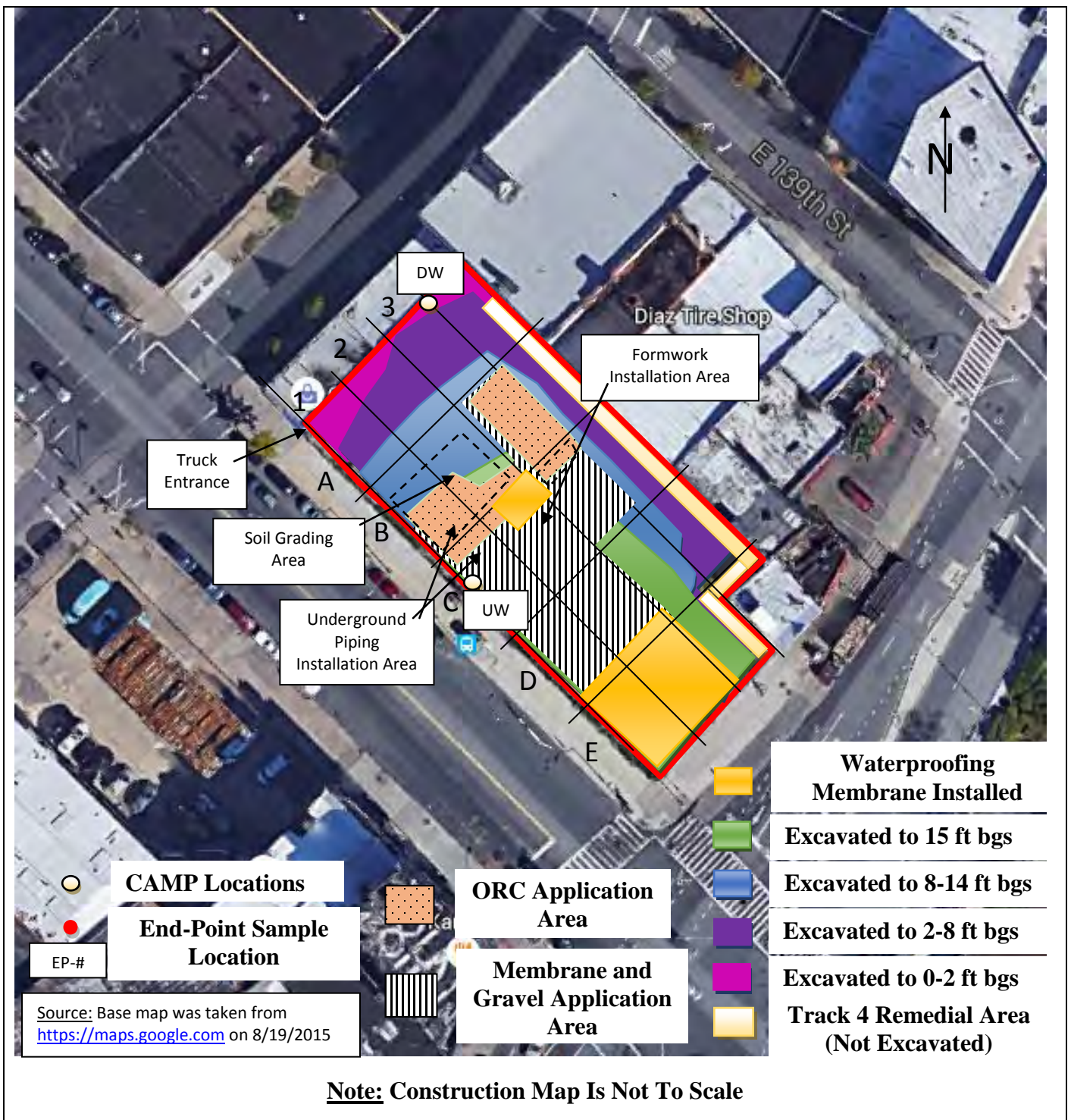
-None.

Description of Upcoming Work Activities (Tuesday, June 28, 2016):

-Pour the mud slab in the central portion of the Site and install the waterproofing membrane on top of the mud slab.  
 -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	516	12,900								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the installed pile cap and grade beams in the central portion of the Site, facing north.



Photo 2 –

View of the contractor grading soil in the western portion of the Site, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor installing underground utility conduits along the southern boundary of the Site, facing northeast.



Photo 4 –

View of the Site, facing southeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	SSE 5-13 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	07/01/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent &  
Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor installed the concrete mud/rat slab, Preprufe 300R waterproofing membrane, manufactured by Grace, and rebar in the central portion of the Site.

-No excavation activities occurred and no fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: B1, B2, B3, C1, C2, C3, D1, D2, and D3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was not performed because no soil excavation activities occurred today.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Next Week):

-The contractor anticipates to continue to install rebar and pour concrete for the installation of the foundation slab in the central portion of the Site.  
 -The contractor plans to continue to excavate soil in the western and northeastern portions of the Site.  
 -The contractor plans to continue dewatering operations.

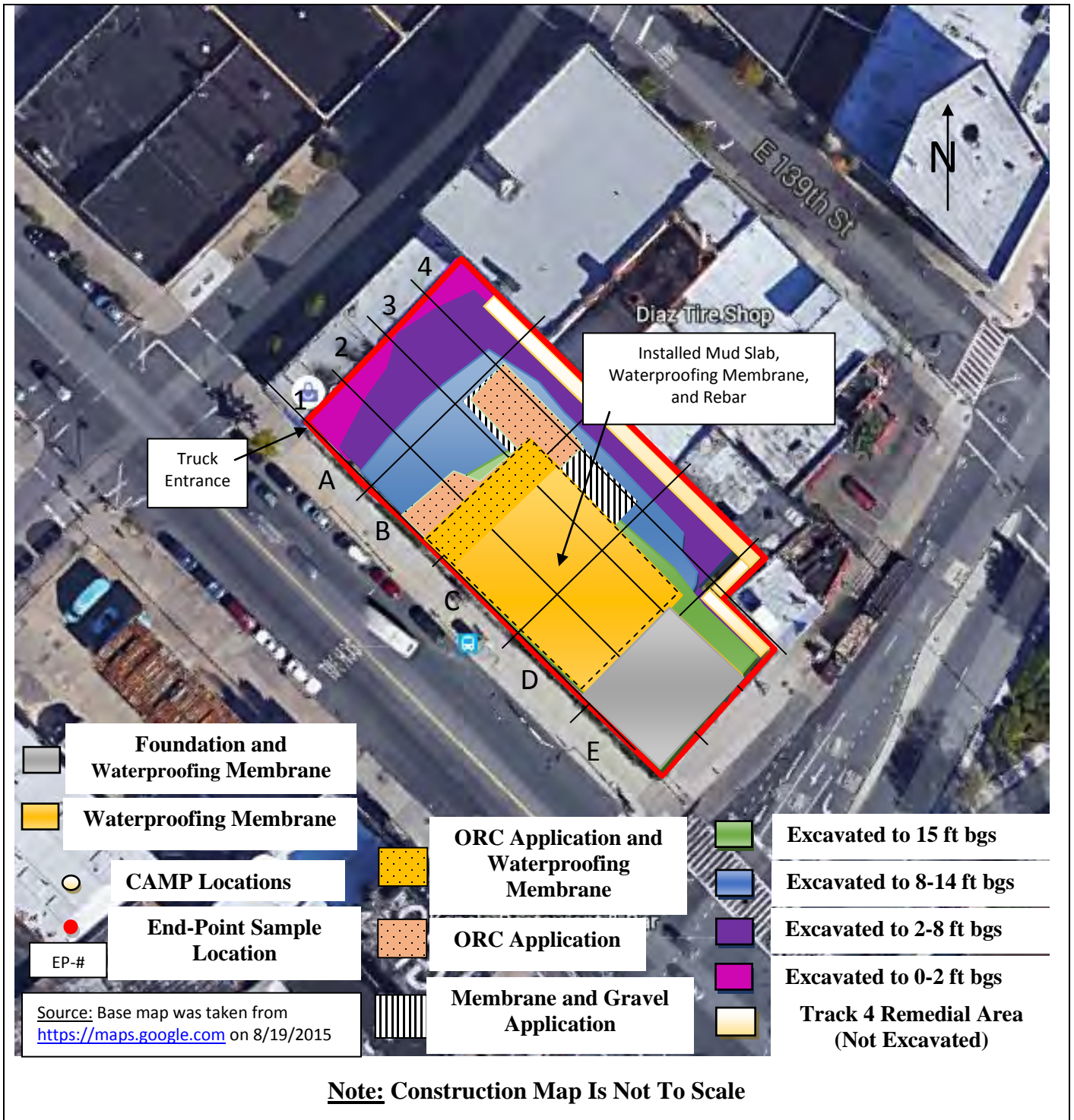
	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	516	12,900								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the installed waterproofing membrane and rebar in the central portion of the Site, facing east.



Photo 2 –

Close-up view of the installed Preprufe 300R Waterproofing Membrane, the Bituthene Liquid Membrane, and the Preprufe Tape LT.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

Close-up view of the installed waterproofing membrane and the Preprufe Tape LT surrounding the elevator pit in the central portion of the Site.



Photo 4 –

View of the Site, facing west.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70		70-85		>85	X
WIND	NE 4-9 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	07/08/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-Since the last report, the contractor installed the foundation slab on top of the waterproofing membrane in the central portion of the site.

-The contractor excavated soil in the northeastern corner of the Site.

-The contractor installed rebar and formwork for the installation of the elevator, stairwell, and southern foundational sidewall in the central portion of the Site.

-No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: B2, B3, C2, C3, and E3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Monday, July 11, 2016):

-The contractor anticipates to continue to install rebar and formwork for the installation of the elevator, stairwell, and southern foundational sidewall in the central portion of the Site.  
 -The contractor plans to continue to excavate soil in the northeastern portion of the Site.  
 -The contractor plans to continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	516	12,900								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the installed foundation slab in the central portion of the Site, facing east.



Photo 2 –

View of the contractor excavating soil in the northeastern corner of the Site, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

Additional view of the contractor excavating soil in the northeast corner of the Site.



Photo 4 –

View of the contractor installing rebar and formwork for the elevator pit, stairwell, and southern sidewall in the central portion of the Site, facing southwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the Site,  
facing northwest.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	N 7-9 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	07/11/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.****Erlandsen-Crowell & Shaw, LLP**

Andrew – Surveyor

Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor continued to excavate soil in the northeastern corner of the Site.

-The contractor continued to install rebar and formwork for the installation of the elevator, stairwell, and southern foundational sidewall in the central portion of the Site.

-No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: B1, B2, B3, C1, C2, C3, and E3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tuesday, July 12, 2016):

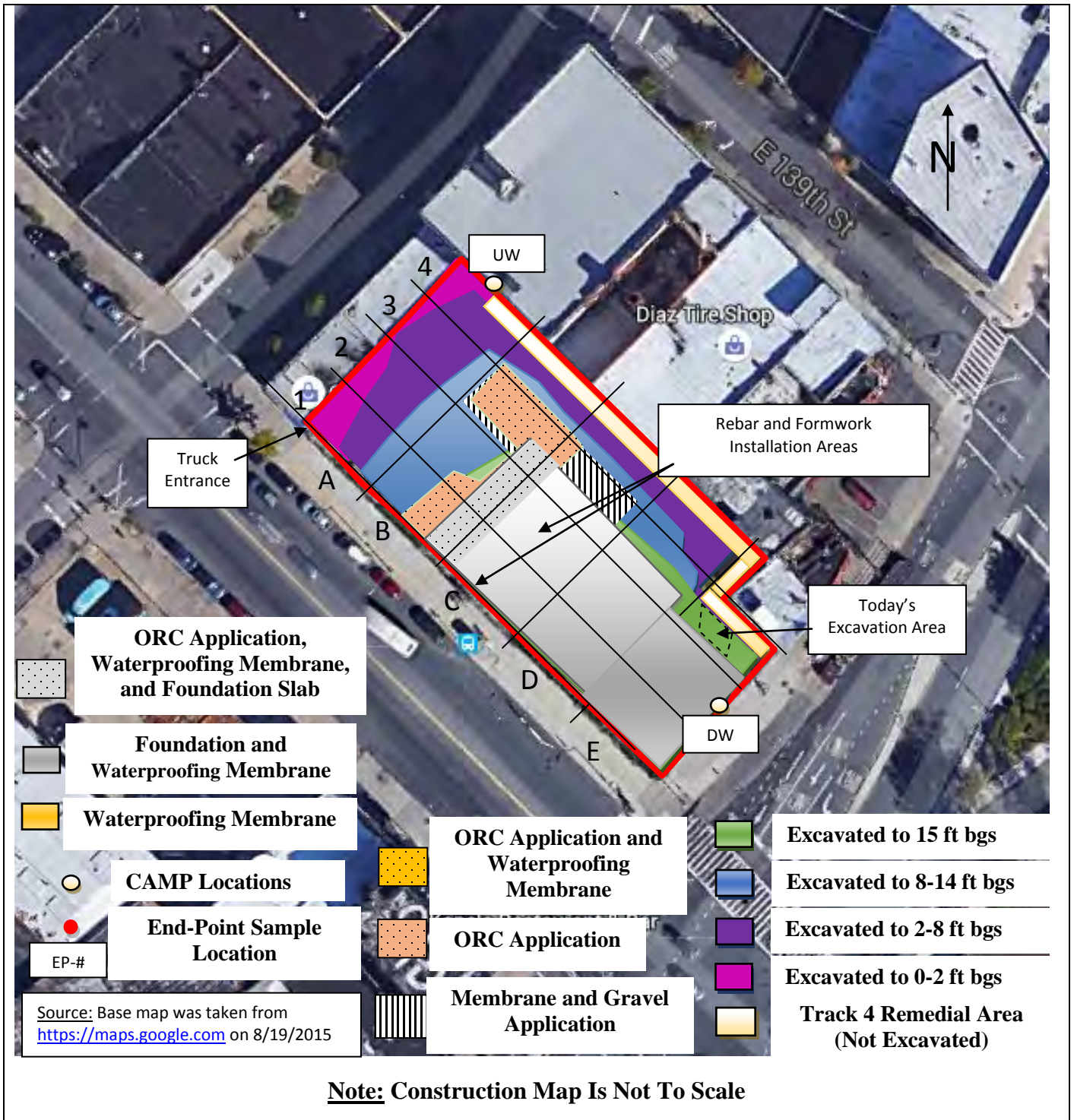
-The contractor plans to begin lagging installation along the western boundary of the adjacent building located at 2557 Third Avenue in the northeastern portion of the Site.  
 -The contractor anticipates to continue to install rebar and formwork for the installation of the elevator, stairwell, and southern foundational sidewall in the central portion of the Site.  
 -The contractor plans to continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	516	12,900								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil in the northeastern corner of the Site, facing north.



Photo 2 –

Additional view of the contractor excavating soil in the northeastern corner of the Site, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

Additional view of the excavation area in the northeastern portion of the Site, facing northwest



Photo 4 –

View of the contractor installing rebar and formwork for the elevator pit, stairwell, and southern sidewall in the central portion of the Site, facing south.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	S 7-13 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	07/13/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.****Erlandsen-Crowell & Shaw, LLP**

Andrew – Surveyor

Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor excavated soil along the along the western boundary of the adjacent building located at 2557 Third Avenue in the northeastern portion of the Site and in the western portion of the Site.
- The contractor directly loaded five (5) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- The contractor welded a vertical beam to the cross-brace and installed lagging near the western boundary of the adjacent building located at 2557 Third Avenue in the northeastern portion of the Site between approximately five (5) and 14 feet below grade surface (bgs).
- The contractor continued to install rebar and formwork for the installation of the elevator, stairwell, and southern foundational sidewall in the central portion of the Site.
- No fugitive dust was observed throughout the day.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-A truck-load of forms were delivered to the Site.

Material Removed From Site:

-Five (5) truck-loads of non-hazardous material was removed off-site to the Clean Earth of Carteret Facility, located in Carteret, New Jersey.

Working In Grid #s: A1, A2, B1, B2, B3, C1, C2, C3, and D3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Thursday, July 14, 2016):

-The contractor plans to continue lagging installation along the western boundary of the adjacent building located at 2557 Third Avenue in the northeastern portion of the Site.  
 -The contractor plans to continue excavating soil in the western portion of the Site and remove approximately 15 truck-loads of material off-site to the Clean Earth of Carteret Facility located in the Bronx, NY.  
 -The contractor anticipates to continue to install rebar and formwork for the installation of the elevator, stairwell, and southern foundational sidewall in the central portion of the Site.  
 -The contractor plans to continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	5	125								
Total	521	13,025								

\* = cubic yard totals are approximate since countersigned manifests have yet to been received



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil in the western portion of the Site, facing northeast.



Photo 2 –

View of the contractor directly loading material for off-site disposal, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor installing rebar and formwork for the elevator and stairwell in the central portion of the Site, facing northwest.



Photo 4 –

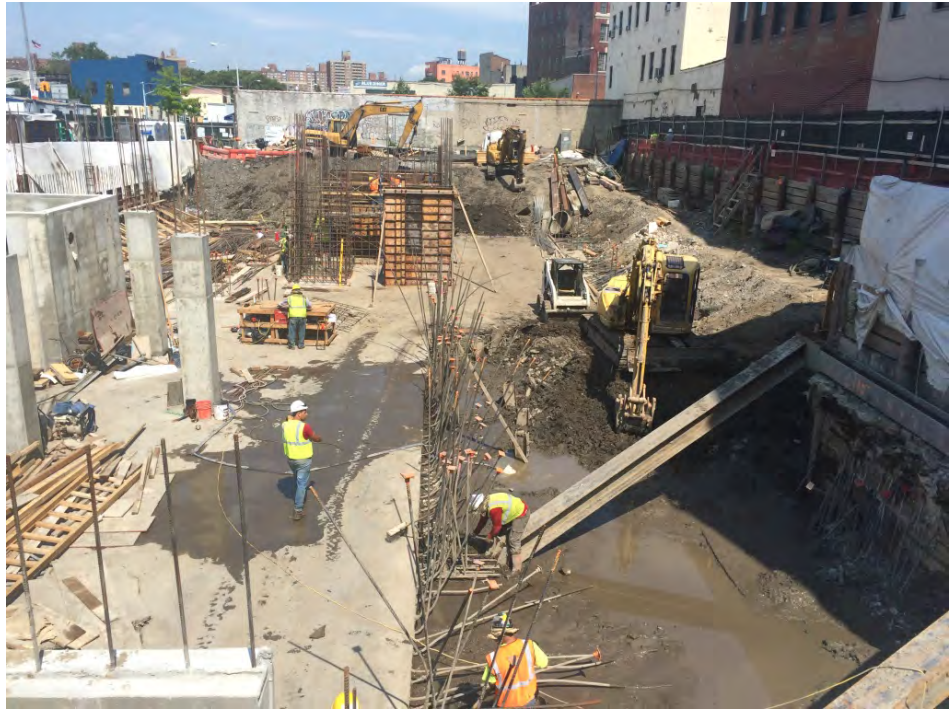
View of the concrete-grouted sidewall, facing northeast.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the contractor excavating in the northeast corner of the site, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85		>85	X
WIND	SW 6-11 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	07/14/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.****Erlandsen-Crowell & Shaw, LLP**

Andrew – Surveyor

Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor excavated soil in the western portion of the site between approximately five (5) and 14 feet below grade surface (bgs).
- The contractor directly loaded 15 trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- The contractor continued to install lagging along the western boundary of the adjacent building located at 2557 Third Avenue in the northeastern portion of the Site between approximately five (5) and 14 feet bgs.
- The contractor continued to install rebar and formwork for the installation of the elevator, stairwell, and southern foundational sidewall in the central portion of the Site.
- No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

- No equipment was delivered to the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-A truck-load of forms were delivered to the Site.

Material Removed From Site:

-15 truck-loads of non-hazardous material was removed off-site to the Clean Earth of Carteret Facility, located in Carteret, New Jersey.

Working In Grid #s: A1, A2, B1, B2, B3, C1, C2, C3, and D3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Friday, July 15, 2016):

-The contractor plans to excavate soil in the northeastern portion of the Site for the installation of two (2) pile caps.  
 -The contractor also plans to pour concrete for the installation of the elevator, stairwell, and southern foundational sidewall in the central portion of the Site.  
 -The contractor plans to continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	15	375								
Total	536	13,400								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil in the western portion of the Site, facing north.



Photo 2 –

View of the contractor applying the BioSolve Pinkwater to the excavation area, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the installed lagging along the western boundary of the building located at 2557 Third Avenue in the northeastern portion of the Site, facing northeast.



Photo 4 –

View of the Site, facing northwest.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85		>85	X
WIND	WNW 2-8 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	07/15/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.****Erlandsen-Crowell & Shaw, LLP**

Andrew – Surveyor

Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil between approximately 14 and 18 feet below grade surface (bgs) in the northeastern portion of the Site for the installation of a pile cap.

-The contractor continued to install formwork for the installation of the elevator and stairwell in the central portion of the Site.

-No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-A 10 cubic-yard roll-off container was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: C1, C2, and D3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Next Week):

-The contractor plans to pour concrete for the installation of the elevator, stairwell, and southern foundational sidewall in the central portion of the Site.

-The contractor also plans to install rakers along the northern boundary of the Site, pile caps in the northeastern portion of the Site, and continue to install the foundation slab in the northeastern corner of the Site.

-The contractor plans to continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	536	13,400								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil in the northeast portion of the Site for a pile cap installation, facing north.



Photo 2 –

View of the Site, facing west.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	SW 0-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	07/19/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Jonathan Kraus – Environmental Scientist

## Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

## Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

## Subcontractor(s):

**Scalpel Construction, Inc.****Erlandsen-Crowell & Shaw, LLP**

Andrew – Surveyor

Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor excavated soil between approximately 14 and 18 feet below grade surface (bgs) in the northwestern portion of the Site for the installation of one (1) pile cap.
- The contractor applied Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesis, at the base of the pile cap excavation.
- The contractor also excavated between zero (0) and six (6) feet along the western Site boundary for the installation of a second (2<sup>nd</sup>) pile cap.
- The contractor poured concrete into both pile caps.
- The contractor continued to install formwork and rebar above the previously installed concrete slab in the central portion of the Site.
- No fugitive dust was observed throughout the day.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Delivered to Site:

- None

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-A truck-load of steel was delivered to the Site.

Material Removed From Site:

-One (1) pickup truck containing scrap metal and concrete was removed from the Site.

Working In Grid #s: A2, B2, B3, C1-3, D1-3, E1-3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tomorrow, July 20, 2016):

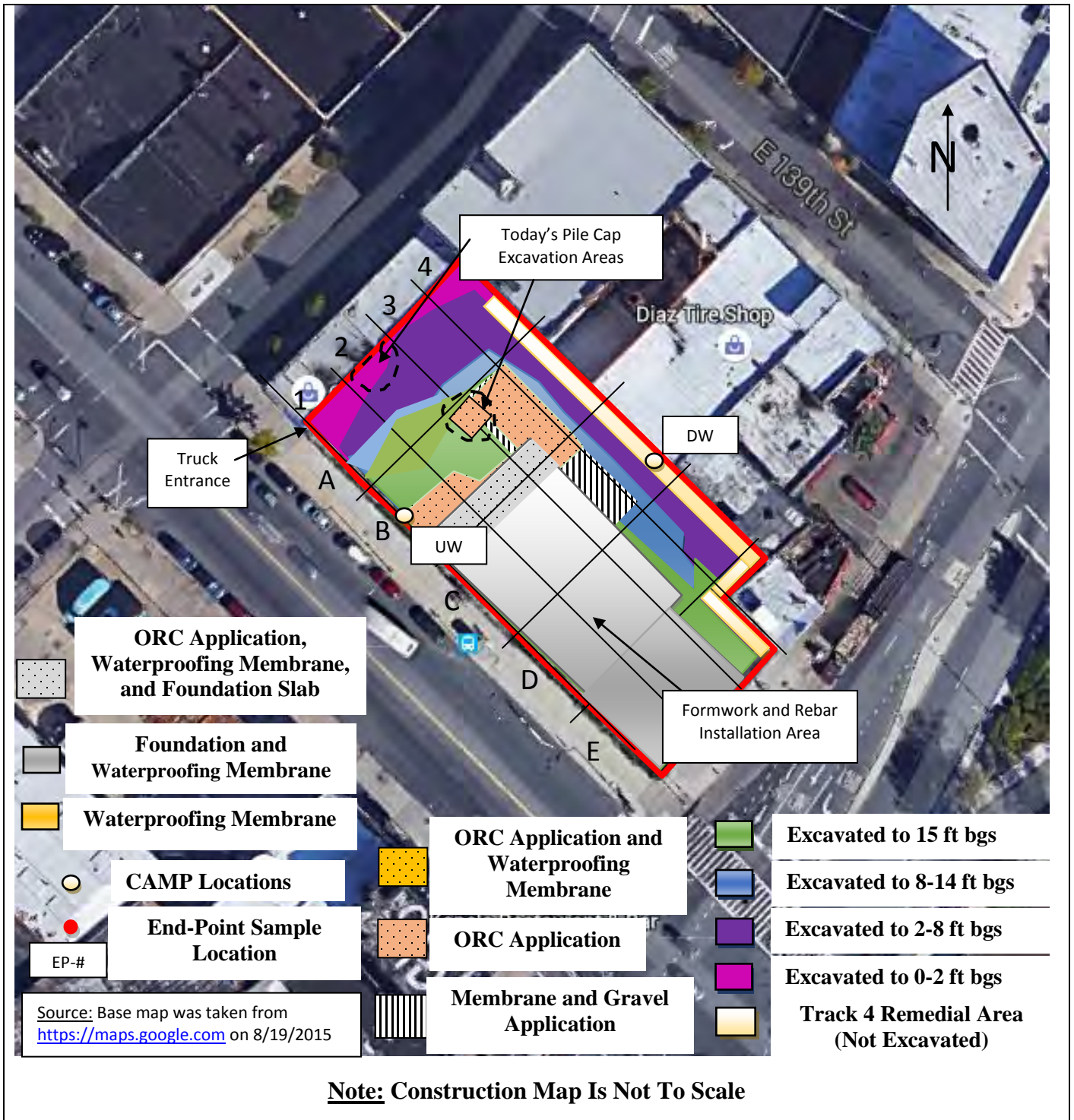
-The contractor plans to pour concrete for the installation of the mud slab in the northeastern portion of the Site.  
 -The contractor also plans to install formwork for the installation of the southern foundation wall in the central portion of the site from five (5) to 10 feet bgs.  
 -The contractor plans to continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
	-	-								
Total	536	13,400								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil in the northwest portion of the Site for the installation of a pile cap, facing northeast.



Photo 2 –

View of the contractor applying Biosolve Pinkwater to suppress the generation of odors.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor pouring concrete into the pile cap, facing southwest.



Photo 4 –

View of the contractor excavating soil along the western boundary of the Site for the installation of a pile cap, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the excavated area along the western boundary of the site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70		70-85		>85	X
WIND	SW 0-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	07/21/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Jonathan Kraus – Environmental Scientist

## Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

## Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

## Subcontractor(s):

**Scalpel Construction, Inc.****Erlandsen-Crowell & Shaw, LLP**

Andrew – Surveyor

Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor excavated soil between approximately 14 and 18 feet below grade surface (bgs) in the western portion of the Site for the installation of two (2) pile caps.
- The contractor applied Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesis, at the base of both pile cap excavations.
- The contractor poured concrete into both pile caps.
- The contractor continued to install formwork and rebar above the previously installed concrete slab in the central portion of the Site.
- No fugitive dust was observed throughout the day.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Delivered to Site:

- None

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-None

Material Removed From Site:

-None

Working In Grid #s: A2, B2, B3, C1-3, D1-3, E1-3.

Samples Collected:

- One (1) endpoint sample, identified as EP-21, was collected and submitted to the laboratory for analysis of Target Compound List (TCL), Target Analyte List (TAL), Hexavalent Chromium and Trivalent Chromium parameters. Reference the construction map below for the approximate sample location.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tomorrow, July 22, 2016):

-The contractor plans to continue soil excavation for the installation of pile caps.  
 -The contractor plans to continue installation of formwork and rebar above the previously installed concrete slab in the central portion of the Site.  
 -The contractor plans to continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	536	13,400								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil in the western portion of the Site for the installation of a pile cap, facing northeast.



Photo 2 –

View of the contractor applying and hand-mixing the ORC into the soil at the base of the pile cap excavation.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the formwork and rebar installation, facing east.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70		70-85		>85	X
WIND	SW 0-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	07/22/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:  <b>Brinkerhoff Environmental Services, Inc.</b> Jonathan Kraus – Environmental Scientist	Inspector(s):  <b>Wang Technology</b> Paul Tapias – Inspector
Contractor:  <b>Lettire Construction Corp.</b> Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Fritz – Laborer Ronmel Cimpoberde – Laborer	Subcontractor(s):  <b>Scalpel Construction, Inc.</b>  <b>Erlandsen-Crowell &amp; Shaw, LLP</b> Andrew – Surveyor

Equipment on Site:

<b>Lettire Construction Corp.</b> CAT PC128UU Backhoe CAT 315 L Backhoe 900H Sullair Generator Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer Genslo rebar bender	<b>Groundwater Treatment and Technology, LLC</b> Dewatering Storage and Treatment Tanks
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------

Description of Work Performed:

- The contractor excavated soil between approximately 14 and 18 feet below grade surface (bgs) in the western portion of the Site for the installation of one (1) pile cap.
- The contractor applied Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesis, at the base of the pile cap excavation
- The contractor poured concrete into the pile cap.
- The contractor installed rebar and the Preprufe 300R waterproofing membrane, manufactured by Grace, above the mud slab in the northeastern portion of the Site.
- The contractor continued to install formwork and rebar above the previously installed concrete slab in the central portion of the Site.
- No fugitive dust was observed throughout the day.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Delivered to Site:

- A Genslo rebar bender was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-A truck-load of rebar was delivered to the Site.

Material Removed From Site:

-A 20 cubic yard (yd<sup>3</sup>) roll-off container loaded with scrap wood and garbage was removed from the Site.

Working In Grid #s: A2, B2, B3, C1-3, D1-3, E1-3.

Samples Collected:

- None

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Monday, July 25, 2016):

-The contractor plans to perform minimal soil excavation for the installation of lagging along the southwestern boundary of the Site.  
 -The contractor plans to continue installation of formwork and rebar above the previously installed concrete slab in the central portion of the Site.  
 -The contractor plans to continue dewatering operations.

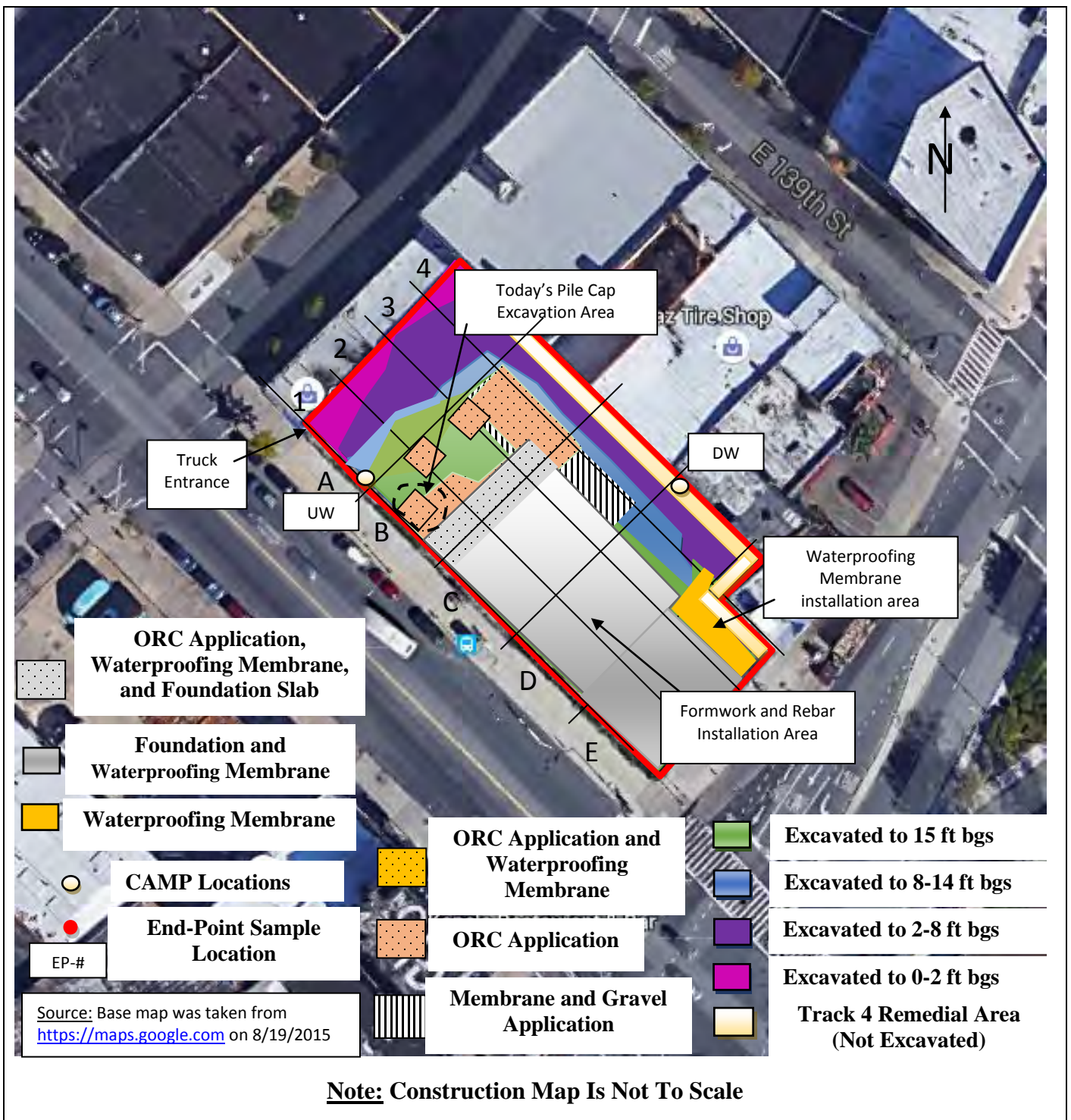
	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	536	13,400								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil in the western portion of the Site for the installation of a pile cap, facing east.



Photo 2 –

View of the Preprufe 300R waterproofing membrane installation in the northeast corner of the site, facing southeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

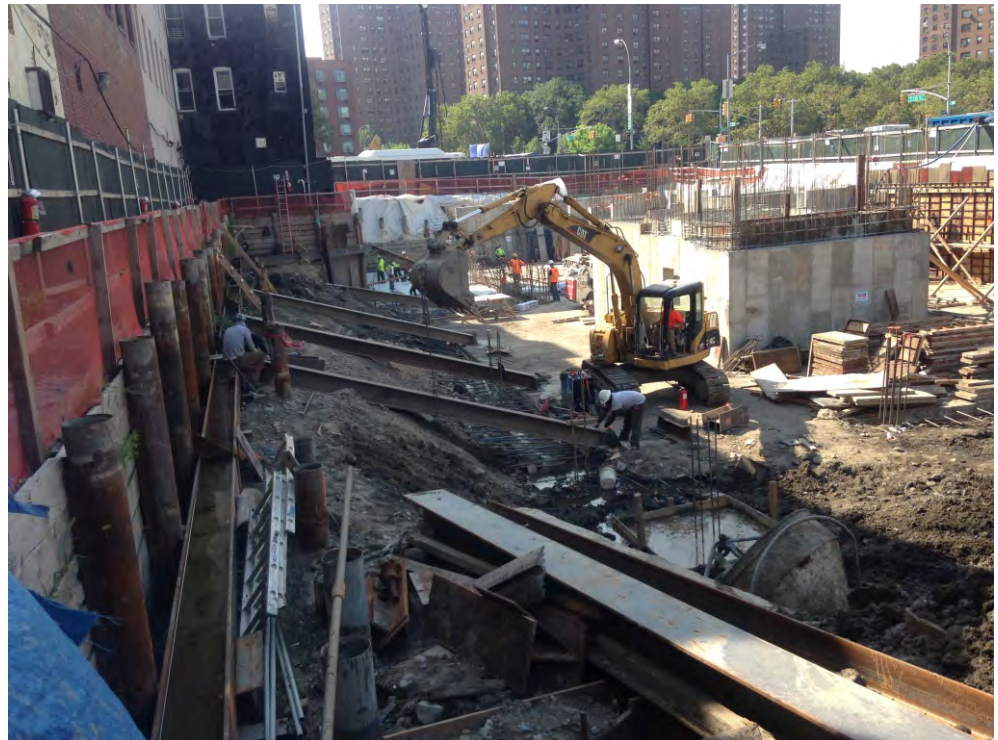
Photo 3 –

View of the contractor applying Preprufe Tape LT to join layers of the waterproofing membrane.



Photo 4 –

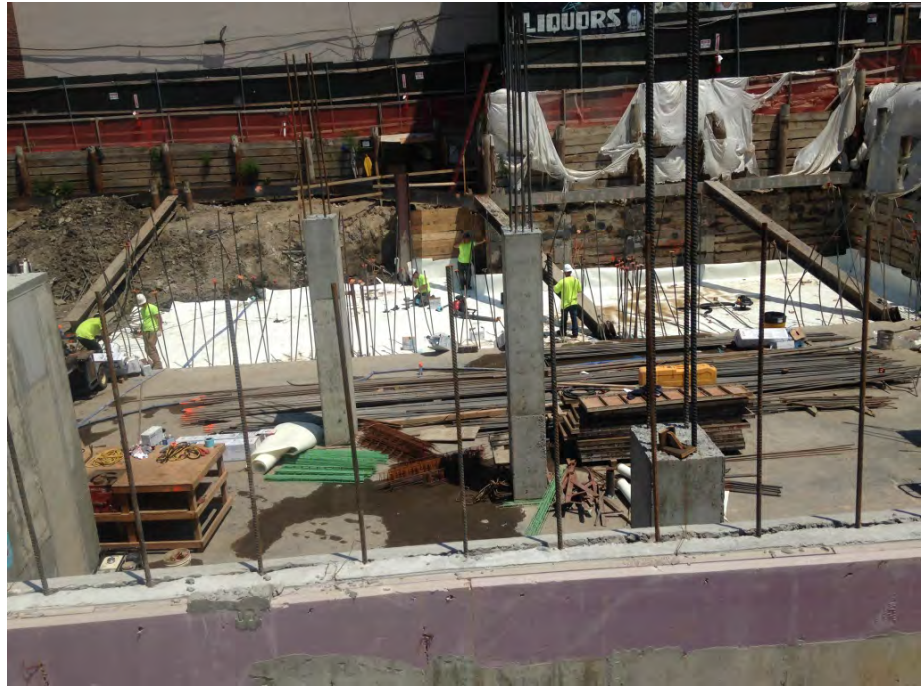
View of the raker installation along the northern boundary of the site, facing southeast.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the installed  
Preprufe 300R  
waterproofing  
membrane in the  
northeast corner of  
the site, facing  
northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	SW 0-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	07/25/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Jonathan Kraus – Environmental Scientist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.****Erlandsen-Crowell & Shaw, LLP**

Andrew – Surveyor

Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Genslo rebar bender

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil between approximately 10 and 15 feet below grade surface (bgs) along the southwestern boundary of the Site for the installation of lagging.

-The contractor installed rebar and the Preprufe 300R waterproofing membrane, manufactured by Grace, in the northeast corner of the Site.

-The contractor continued to install formwork and rebar above the previously installed concrete slab in the central portion of the Site.

-No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

- None

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-None

Material Removed From Site:

-None

Working In Grid #s: A2, B2, B3, C1-3, D1-3, E1-3.

Samples Collected:

- None

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tomorrow, July 26, 2016):

-The contractor plans to continue soil excavation for the installation of pile caps in the western portion of the Site.  
 -The contractor plans to continue installation of formwork and rebar above the previously installed concrete slab in the central portion of the Site.  
 -The contractor plans to continue dewatering operations.

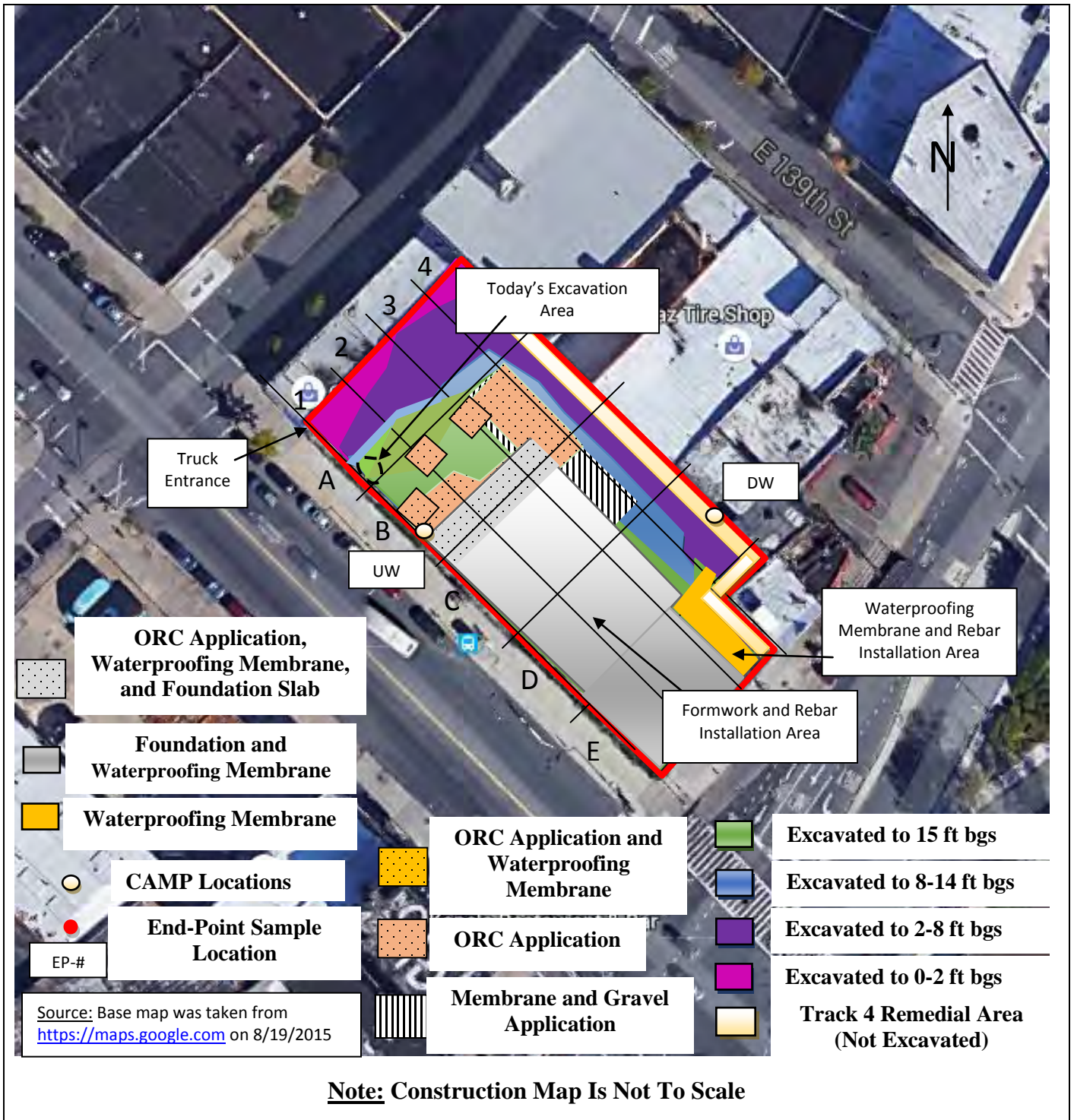
	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	536	13,400								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil for the lagging installation along the southwestern Site boundary, facing south.



Photo 2 –

View of the contractor installing lagging along the southwestern Site boundary, facing south.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor installing rebar in the northeast corner of the site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	SE 0-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	07/26/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Jonathan Kraus – Environmental Scientist

## Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

## Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

## Subcontractor(s):

**Scalpel Construction, Inc.****Erlandsen-Crowell & Shaw, LLP**

Andrew – Surveyor

Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor excavated soil between approximately 14 and 18 feet below grade surface (bgs) in the western portion of the Site for the installation of one (1) pile cap.
- The contractor applied Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesys, at the base of the pile cap excavation
- The contractor poured concrete into the pile cap.
- The contractor installed formwork and the Preprufe 300R waterproofing membrane, manufactured by Grace, for the foundation wall in the northeastern boundary of the Site.
- The contractor continued to install formwork and rebar above the previously installed concrete slab in the central portion of the Site.
- No fugitive dust was observed throughout the day.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Delivered to Site:

- None

Equipment Removed From Site:

-The Genslo rebar bender was removed from the Site

Material Delivered to Site:

-None

Material Removed From Site:

-None

Working In Grid #s: A1, B1-3, C1-3, D1-3, E1-3.

Samples Collected:

- None

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tomorrow, July 27, 2016):

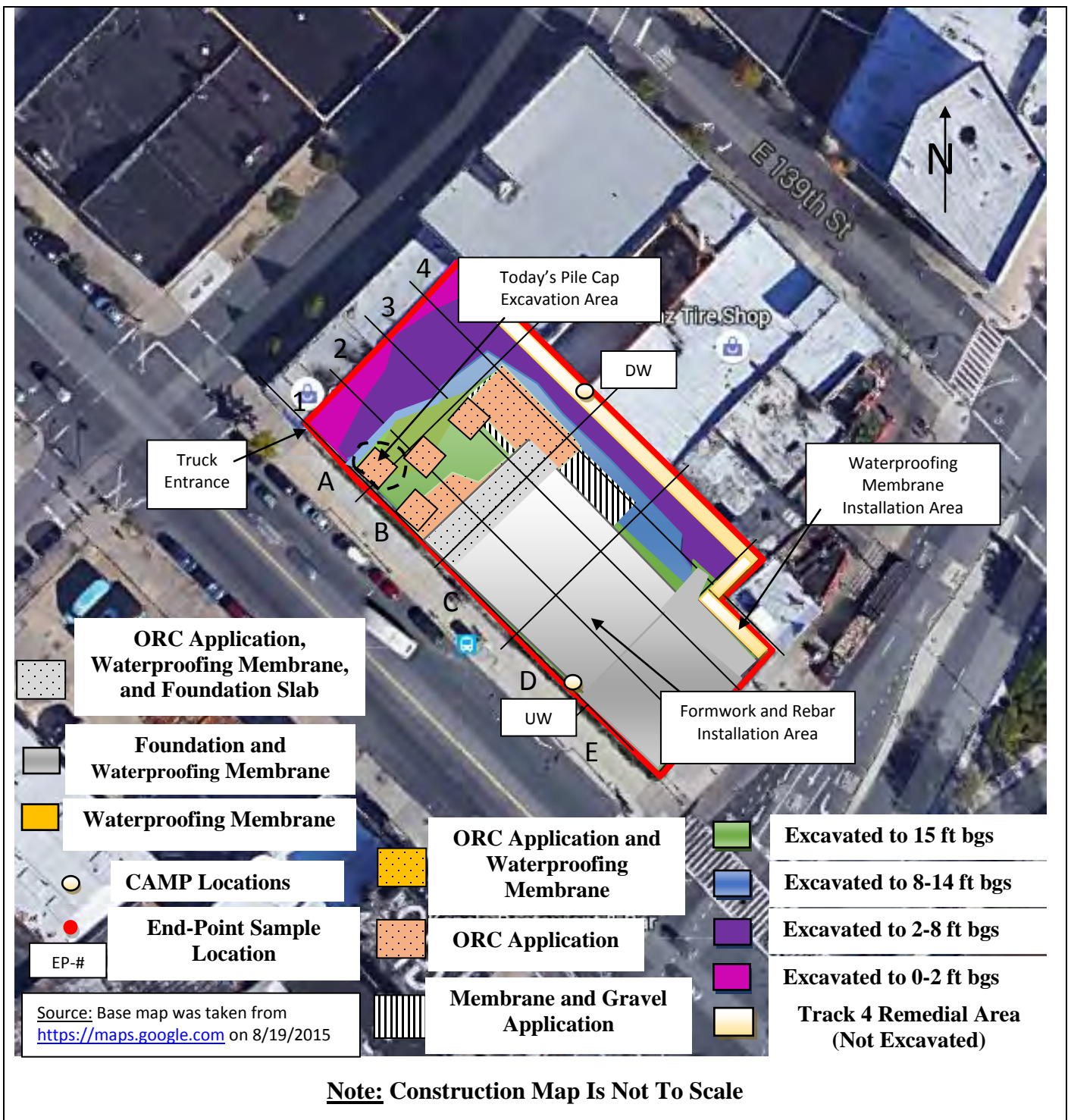
-The contractor plans to continue soil excavation for the installation of pile caps in the western portion of the Site.  
 -The contractor plans to continue installation of formwork and rebar above the previously installed concrete slab in the central portion of the Site.  
 -The contractor plans to continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
	-	-								
Total	536	13,400								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil in the western portion of the Site for the installation of a pile cap, facing west.



Photo 2 –

View of the contractor applying Biosolve Pinkwater to suppress the generation of odors.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor installing rakers along the northern boundary of the site, facing northwest.



Photo 4 –

View of the formwork and Preprufe 300R waterproofing membrane installation along the northeast boundary the site, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	NW 0-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	07/27/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Jonathan Kraus – Environmental Scientist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor excavated soil between approximately 14 and 18 feet below grade surface (bgs) in the western portion of the Site for the installation of one (1) pile cap.
- The contractor also excavated soil between approximately 14 and 16 feet bgs in the western portion of the Site for the installation of one (1) grade beam.
- The contractor applied Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesis, at the base of the pile cap and grade beam excavation.
- The contractor poured concrete into the pile cap and grade beam.
- The contractor installed rebar for the foundation wall in the northeastern boundary of the Site.
- The contractor continued to install formwork and rebar above the previously installed concrete slab in the central portion of the Site.
- No fugitive dust was observed throughout the day.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Delivered to Site:

- None

Equipment Removed From Site:

-None

Material Delivered to Site:

-One (1) pickup truck containing plywood was delivered to the Site.  
 -A truck-load of rebar was delivered to the Site.

Material Removed From Site:

-One (1) pickup truck containing scrap metal and concrete was removed from the Site.

Working In Grid #s: B1, C1-3, D1-3, E1-3.

Samples Collected:

- None

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tomorrow, July 28, 2016):

-The contractor plans to remove 10 loads of soil off-Site to Clean Earth of Carteret.  
 -The contractor plans to continue installation of formwork and rebar above the previously installed concrete slab in the central portion of the Site.  
 -The contractor plans to continue dewatering operations.

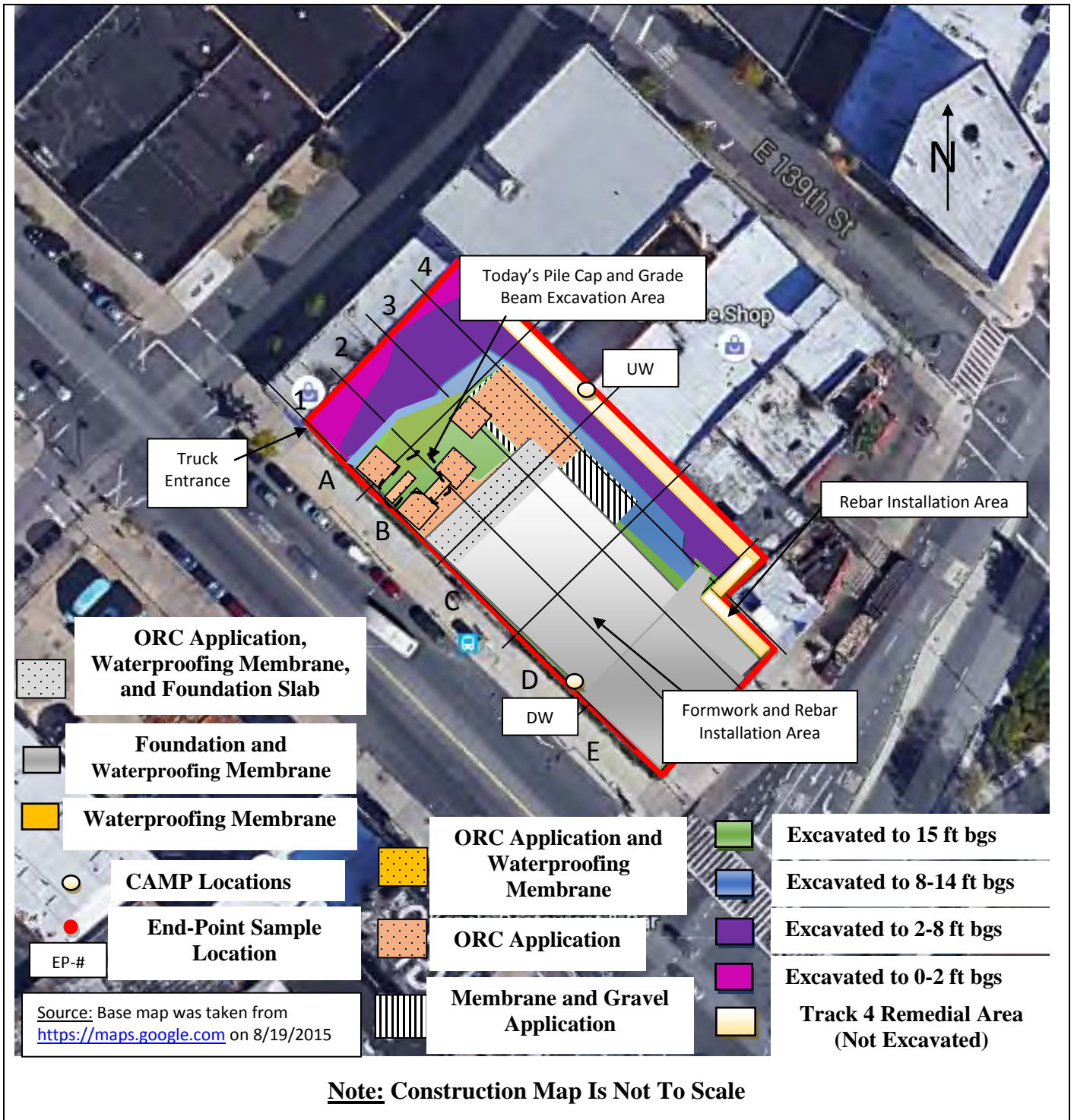
	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	536	13,400								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil in the western portion of the Site for the installation of a pile cap, facing east.



Photo 2 –

View of the contractor hand-mixing the ORC into the soil at the base of the grade beam excavation.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor installing rebar for the installation of the foundation wall in the northeast boundary of the Site, facing northwest.



Photo 4 –

View of the contractor installing rebar for the installation of the foundation wall along the eastern boundary of the site, facing southeast.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	SW 0-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	07/28/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Jonathan Kraus – Environmental Scientist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor directly loaded 10 trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

-The contractor also excavated for the installation of lagging along the northern boundary of the Site.

-The contractor installed formwork for the foundation wall in the northeastern boundary of the Site.

-The contractor continued to install formwork and rebar above the previously installed concrete slab in the central portion of the Site.

-No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

- A Bobcat skid steer was delivered to the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Equipment Removed From Site:

-None

Material Delivered to Site:

-Two (2) truck-loads of lumber were delivered to the Site.

Material Removed From Site:

-10 truck-loads of non-hazardous material were removed off-site to the Clean Earth of Carteret Facility, located in Carteret, New Jersey.

Working In Grid #s: B1, C1-3, D1-3, E1-3.

Samples Collected:

- One (1) sidewall endpoint sample, identified as EP-22, was collected and submitted to the laboratory for analysis of Target Compound List (TCL) and Target Analyte List (TAL) parameters and Hexavalent and Trivalent Chromium. Reference the construction map below for the approximate sample location.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tomorrow, July 29, 2016):

-The contractor plans to continue installation of formwork and rebar above the previously installed concrete slab in the central portion of the Site.  
-The contractor plans to continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	10	250								
Total	546	13,650								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating and directly loading material for off-site disposal in the northwestern portion of the Site, facing south.



Photo 2 –

View of the contractor excavating along the northern boundary of the Site, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

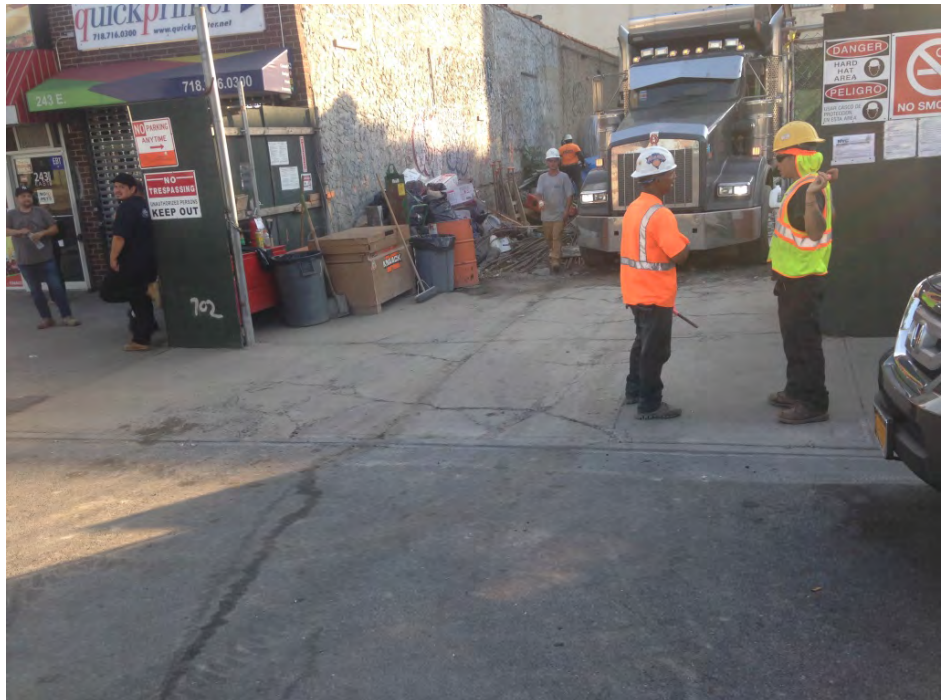
Photo 3 –

View of the lagging installation along the northern boundary of the Site, facing north.



Photo 4 –

View of the clean Site entrance/exit, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain	X	Overcast		Partly Cloudy		Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	E 0-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	08/01/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Jonathan Kraus – Environmental Scientist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent &  
Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor directly loaded 10 trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

-The contractor also excavated for the installation of lagging along the northern boundary of the Site.

-The contractor continued to install formwork and rebar above the previously installed concrete slab in the central portion of the Site.

-No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-None

Equipment Removed From Site:

-None

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Material Delivered to Site:

-A truck load of grout and sand was delivered to the Site.

Material Removed From Site:

-10 truck-loads of non-hazardous material were removed off-site to the Clean Earth of Carteret Facility, located in Carteret, New Jersey.  
-A 20 cubic yard (yd<sup>3</sup>) roll-off container loaded with garbage was removed from the Site.

Working In Grid #s: A1-4, B4, C1-4, D1-3, E1-3.

Samples Collected:

- One (1) sidewall endpoint sample, identified as EP-23, was collected and submitted to the laboratory for analysis of Target Compound List (TCL) and Target Analyte List (TAL) parameters and Hexavalent and Trivalent Chromium. Reference the construction map below for the approximate sample location.

Community Air Monitoring Plan (CAMP):

-Air monitoring was not performed due to inclement weather (i.e. Rain).

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tomorrow, August 2, 2016):

-The contractor plans to continue soil excavation for the installation of pile caps in the western portion of the Site and the installation of lagging along the northern Site boundary.  
-The contractor plans to continue installation of formwork and rebar above the previously installed concrete slab in the central portion of the Site.  
-The contractor plans to continue dewatering operations.

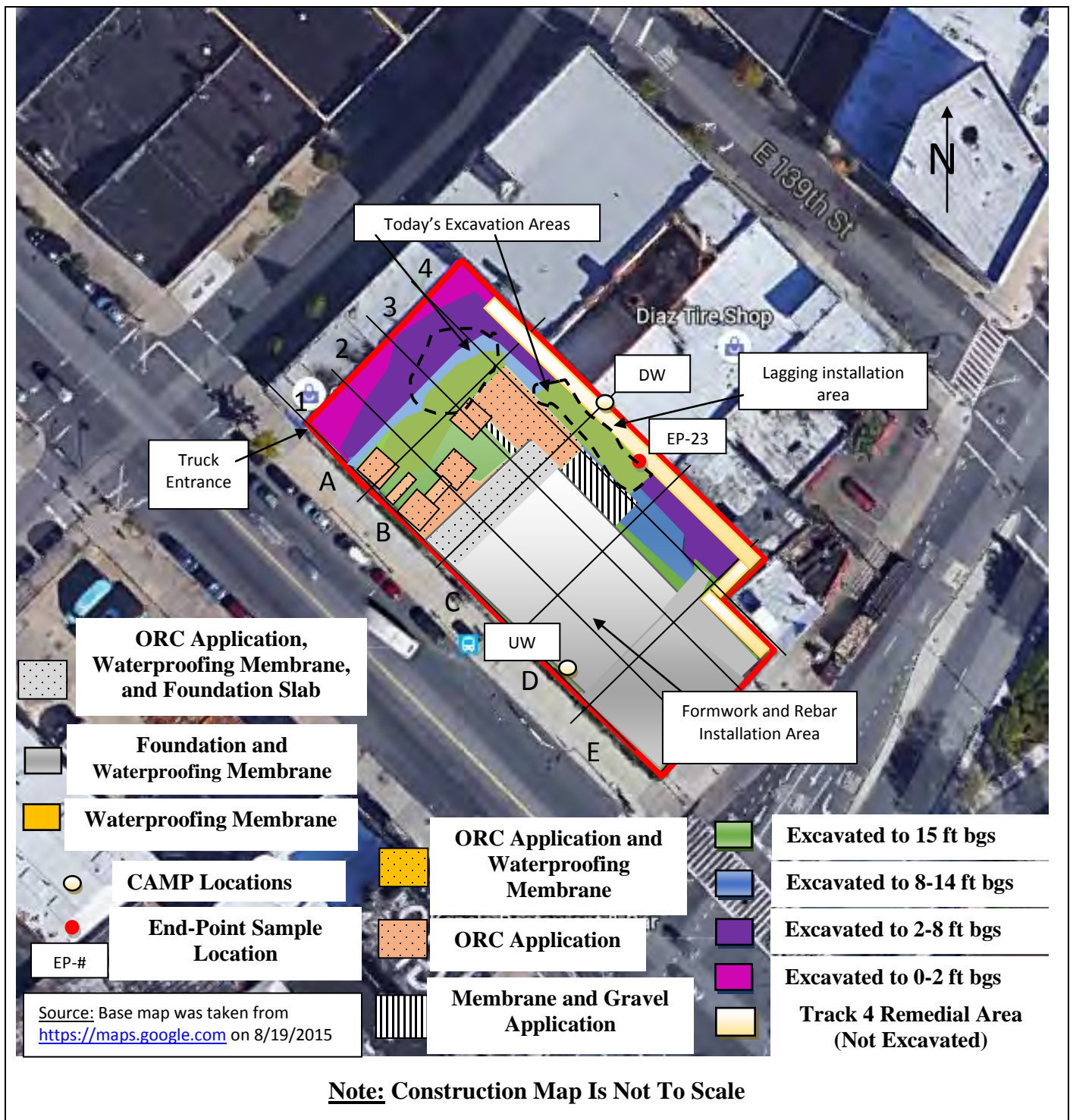
	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	10	250								
Total	556	13,900								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating material for off-site disposal in the northwestern portion of the Site, facing southwest.



Photo 2 –

View of the contractor directly loading material for off-site disposal in the northwestern portion of the Site, facing southwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3–

View of the contractor applying water to the wheels of an exiting truck, facing northwest.



Photo 4 –

View of the lagging installation along the northern boundary of the Site, facing northeast.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the clean Site  
entrance/exit, facing  
north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	NE 7-12 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	08/02/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Geologist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil to approximately 15 feet below grade surface (bgs) in the western portion of the Site for the installation of one (1) pile cap.

-The contractor also continued to excavate soil between approximately 10 and 14 feet bgs for the installation of lagging along the northern boundary of the Site.

-The contractor applied Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesys, at the base of the pile cap excavation area and installed rebar and formwork for the pile cap installation.

-Additionally, the contractor poured concrete between the foundational sidewall and the lagging along the northeast boundary of the Site.

-No fugitive dust was observed throughout the day.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A2, A3, B4, C4, and E3.

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tomorrow, August 3, 2016):

-The contractor plans to excavate soil in the western portion of the site and remove approximately five (5) truck-loads of material off-site to Clean Earth of Carteret located in Carteret, New Jersey.  
 -The contractor also plans to continue soil excavation for the installation of pile caps in the western portion of the Site and the installation of lagging along the northern Site boundary.  
 -The contractor plans to continue installation of formwork and rebar above the previously installed concrete slab in the central portion of the Site.  
 -The contractor plans to continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	556	13,900								

\* = cubic yard totals are approximate since countersigned manifests have yet to been received



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the pile cap excavation area in the western portion of the Site, facing southwest.



Photo 2 –

Additional view of the pile cap excavation area in the western portion of the Site.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3—

View of the installed rakers along the northern boundary of the site, facing northwest.



Photo 4 —

View of the installed foundation slab in the northeast corner of the site, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the previously installed Bituthene R Primer B2 LVC waterproofing membrane, manufactured by Grace Industries, installed along the exterior portion of the southern and eastern sidewalls.



Photo 7 –

View of the contractor pouring concrete between the foundation sidewall and lagging along the northeast boundary of the Site, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	S 0-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	08/03/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Jonathan Kraus – Environmental Scientist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor directly loaded three (3) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- The contractor excavated soil to approximately 15 feet below grade surface (bgs) in the western portion of the Site for the installation of a grade beam.
- The contractor also continued to excavate soil between approximately 10 and 14 feet bgs for the installation of lagging along the northern boundary of the Site.
- The contractor applied Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesys, at the base of the grade beam excavation area and installed rebar and formwork for the grade beam installation.
- The contractor poured concrete into the grade beam.
- No fugitive dust was observed throughout the day.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Three (3) truck-loads of non-hazardous material were removed off-site to the Clean Earth of Carteret Facility, located in Carteret, New Jersey.

Working In Grid #s: A1-4, B2-4, C1-4, D1-3 and E1-3.

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC exceedances. 15-minute average PM-10 exceedances occurred from 08:56 to 15:10; however, no fugitive dust was observed during this time interval. The 15-minute average PM-10 exceedances were likely a result from equipment malfunction. No other 15-minute average PM-10 exceedances were observed for the remainder of the day.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tomorrow, August 4, 2016):

-The contractor plans to excavate soil in the western portion of the site and remove approximately six (6) truck-loads of material off-site to Clean Earth of Carteret located in Carteret, New Jersey.  
 -The contractor also plans to continue soil excavation for the installation of pile caps in the western portion of the Site and the installation of lagging along the northern Site boundary.  
 -The contractor plans to continue installation of formwork and rebar above the previously installed concrete slab in the central portion of the Site.  
 -The contractor plans to continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
	3	75								
Total	559	13,975								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating and directly loading material for off-site disposal in the western portion of the Site, facing west.



Photo 2 –

View of the contractor applying water to an exiting truck on the truck wash pad, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3—

View of the contractor excavating in the western portion of the site, facing west.



Photo 4 –

View of the contractor installing lagging along the northern Site boundary.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	E 0-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	08/04/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Jonathan Kraus – Environmental Scientist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor directly loaded 16 trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- The contractor excavated soil to approximately 18 feet below grade surface (bgs) in the western portion of the Site for the installation of a pile cap.
- The contractor also continued to excavate soil between approximately 10 and 14 feet bgs for the installation of lagging along the northern boundary of the Site. Additionally, the contractor placed grout by hand behind the lagging.
- The contractor applied Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesys, at the base of the pile cap excavation area and installed rebar and formwork for the pile cap installation.
- The contractor poured concrete into the pile cap.
- No fugitive dust was observed throughout the day.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-16 truck-loads of non-hazardous material were removed off-site to the Clean Earth of Carteret Facility, located in Carteret, New Jersey.

Working In Grid #s: A1-4, B3-4 and C3-4

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC exceedances. 15-minute average PM-10 exceedances occurred from 08:39 to 15:30; however, no fugitive dust was observed during this time interval. The 15-minute average PM-10 exceedances were likely a result from equipment malfunction. No other 15-minute average PM-10 exceedances were observed for the remainder of the day. The Dust Trak II Aerosol Monitor has been sent to the equipment manufacturer for repair and a new Dust Trak II Aerosol will be utilized for use tomorrow.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tomorrow, August 5, 2016):

-The contractor plans to excavate soil in the western portion of the site and remove approximately three (3) truck-loads of material off-site to Clean Earth of Carteret located in Carteret, New Jersey.  
 -The contractor also plans to continue soil excavation for the installation of pile caps in the western portion of the Site.  
 -The contractor plans to continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	16	400								
Total	575	14,375								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating material for off-site disposal in the western portion of the Site, facing northwest.



Photo 2 –

View of the contractor directly loading material for off-site disposal in the western portion of the Site, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the clean Site entrance/exit, facing east.



Photo 4–

View of the contractor placing grout behind the lagging.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the contractor installing lagging along the northern Site boundary.



Photo 6 –

View of the contractor pouring concrete into the pile cap.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	SW 0-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	08/05/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Jonathan Kraus – Environmental Scientist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil to approximately 18 feet below grade surface (bgs) in the western portion of the Site for the installation of two (2) grade beams.

-The contractor applied Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesis, at the base of the two (2) grade beam excavation areas and installed rebar and formwork for the two (2) grade beam installations.

-The contractor poured concrete into the two (2) grade beams.

-No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A3 and B3

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Monday, August 8, 2016):

-The contractor plans to continue soil excavation for the installation of pile caps in the western portion of the Site.

-The contractor plans to continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	575	14,375								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating material in the western portion of the Site for the installation of the first grade beam, facing southwest.



Photo 2 –

View of the contractor excavating material in the western portion of the Site for the installation of the second grade beam, facing east.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor installing rebar and formwork for the grade beams in the western portion of the Site, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	NE 0-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	08/08/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Jonathan Kraus – Environmental Scientist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor imported four (4) loads of 2-2.5-inch virgin stone from the Hamburg Quarry in Hamburg, NJ.
- The contractor excavated soil to approximately 18 feet below grade surface (bgs) in the western portion of the Site for the installation of a pile cap.
- The contractor applied Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesys, at the base of the pile cap excavation area and installed rebar and formwork for the pile cap installation.
- The contractor poured concrete into the pile cap.
- No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

- No equipment was delivered to the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-Four (4) loads of 2-2.5 inch virgin stone from the Hamburg Quarry in Hamburg, NJ was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A1, A2, B1 and B2

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

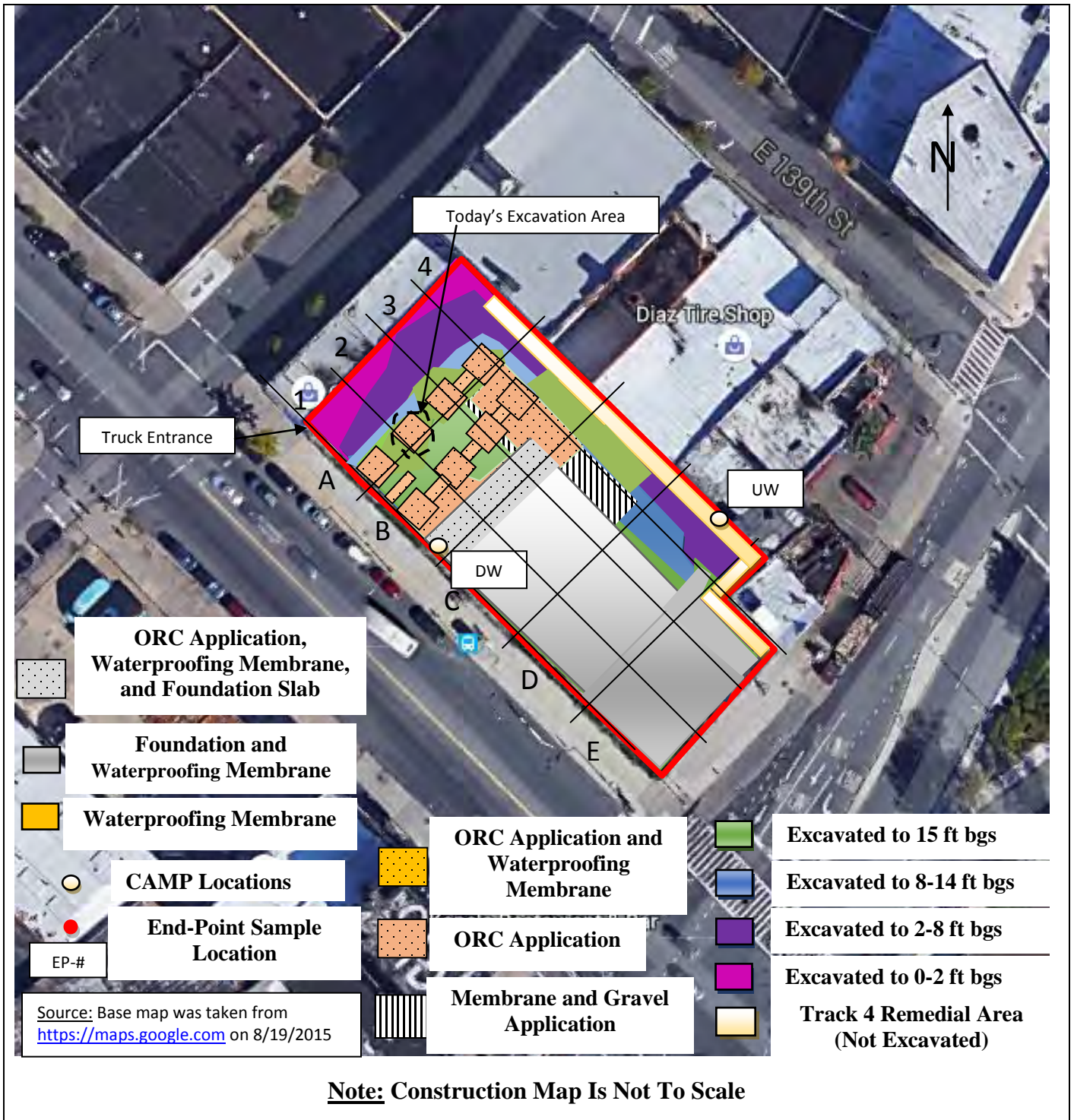
Description of Upcoming Work Activities (Tomorrow, August 9, 2016):

-The contractor plans to continue soil excavation for the installation of pile caps in the western portion of the Site.  
 -The contractor plans to continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	575	14,375								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the 2-2.5-inch virgin stone that was delivered to the Site.



Photo 2 –

View of the pile cap excavation in the western portion of the Site.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the lagging installation along the northern Site boundary, facing southeast.



Photo 4 –

View of the Site, facing south.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Sean Harrison

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70		70-85		>85	X
WIND	NE 0-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	08/09/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Sean Harrison – Project Manager

## Inspector(s):

**Wang Technology**  
Paul Tapias – Inspector

## Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent & Safety Officer  
Alex Adduci – Project Manager  
Edwin – Security  
Fritz – Laborer  
Ronmel Cimpoberde – Laborer

## Subcontractor(s):

**Scalpel Construction, Inc.**Equipment on Site:**Lettire Construction Corp.**CAT PC128UU Backhoe  
CAT 315 L Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer  
LANDA 3500 PSI Power Washer  
Bobcat Skid Steer**Groundwater Treatment and Technology, LLC**  
Dewatering Storage and Treatment TanksDescription of Work Performed:

- The contractor installed the Bituthene Adhesive Primer B2 LVC waterproofing membrane, manufactured by Grace Construction Products, along the exterior portion of the southern foundation wall.
- The contractor excavated soil to approximately 18 feet below grade surface (bgs) in the western portion of the Site for the installation of a pile cap.
- The contractor applied Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesis, at the base of the pile cap excavation area and installed rebar and formwork for the pile cap installation.
- No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

- No equipment was delivered to the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A1, A2, B1 and B2

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tomorrow, August 10, 2016):

-The contractor plans to continue soil excavation for the installation of grade beams in the western portion of the Site.

-The contractor plans to continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	575	14,375								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor installing the waterproofing membrane along the exterior portion of the southern boundary of the Site.



Photo 2 –

View of the pile cap excavation in the western portion of the Site, facing west.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the working platform for the horizontal grout injections in the northeast corner of the site, facing northeast.



Photo 4 –

Additional view of the pile cap excavation, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	SW 0-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	08/10/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Jonathan Kraus – Environmental Scientist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Fritz – Laborer

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil to approximately 18 feet below grade surface (bgs) in the western portion of the Site for the installation of two (2) grade beams.

-The contractor applied Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesis, at the base of the grade beam excavation areas and installed rebar and formwork for the grade beam installations.

-The contractor imported two (2) loads of ¾-inch RCA Blend from the New York Recycling LLC Facility. New York Recycling LLC Facility is a NYSDEC-registered construction and demolition debris processing facility; however, this material has not been approved to be imported to the site yet since it contains fines that comprise of greater than 10% by weight material that pass through a size 80 sieve. No analytical data for the ¾-inch RCA blend was provided to Brinkerhoff for review prior to importation. Brinkerhoff advised the contractor to not import the ¾-inch RCA Blend until the analytical data was received and reviewed. However, the contractor backfilled the ¾-inch RCA Blend along the eastern boundary of the site adjacent to 3<sup>rd</sup> Avenue. Brinkerhoff collected samples of the imported material to determine if it meets the NYSDEC-approved backfill soil quality objectives.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

Description of Work Performed (cont):

-Additionally, the contractor imported two (2) loads of ¾-inch RCA (not a blend) from the New York Recycling LLC Facility. The gradation report that was provided to Brinkerhoff for this material meets the NYSDEC sieve test requirements and is attached to this report. This material did not contain fines and the contractor used the ¾-inch RCA as backfill around the southern foundation wall.  
-No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-A truck load of grout was delivered to the Site.  
-Two (2) loads of ¾-inch RCA Blend were imported to the Site from New York Recycling LLC. This material has not yet been approved to be imported to the site and Brinkerhoff is waiting to receive the analytical data.  
-Two (2) loads of ¾-inch RCA containing no fines were imported to the Site from New York Recycling LLC.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A1, A2, B1, B2, D1, E1 and E2

Samples Collected:

- Brinkerhoff collected one (1) five-point composite sample, identified as BF-1-comp, and three (3) discrete grab samples, identified as BF-2-grab, BF-3-grab, and BF-4-grab, from the two (2) loads of ¾-inch RCA Blend that were imported to the Site from the New York Recycling LLC Facility. The samples were submitted to the laboratory for analysis of Semi-Volatile Organic Compounds (SVOCs), Total Analyte List (TAL) Metals, Polychlorinated Biphenyls (PCBs), Pesticides and Volatile Organic Compounds (VOCs).

Community Air Monitoring Plan (CAMP):

- Air monitoring was performed throughout the day; however, air monitoring was not performed between 09:56 and 12:15 due to inclement weather (i.e. Rain). There were no VOC or PM-10 exceedances.

Problems Encountered:

-No pictures are available in today's report because the field representative's phone, that was used to take photographs, was stolen.

Description of Upcoming Work Activities (Tomorrow, August 11, 2016):

-The contractor plans to grade soil in the western portion of the Site in preparation for the installation of the concrete mud slab.  
-The contractor plans to pour the concrete mud slab in the western portion of the Site.



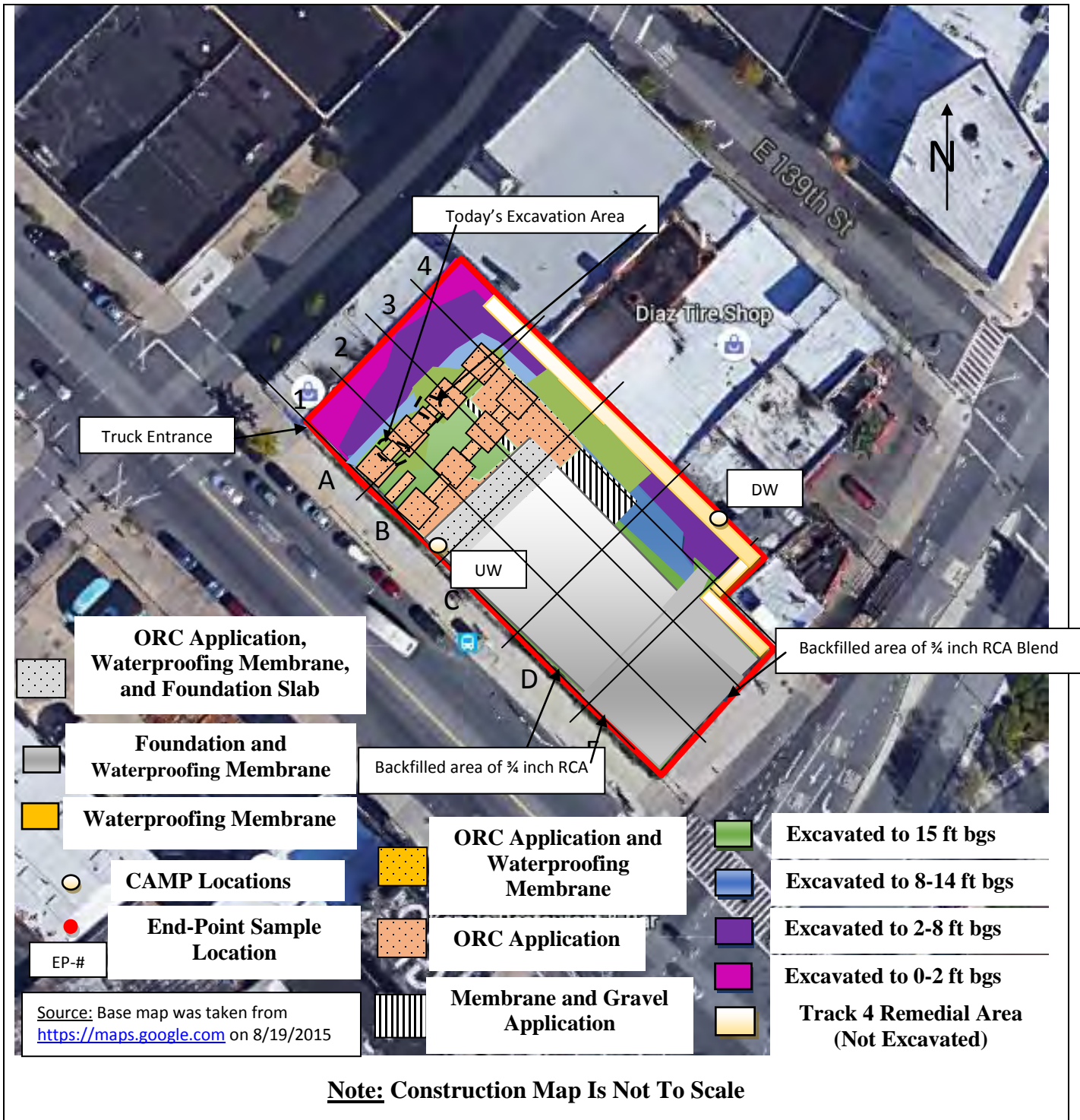
# BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

## DAILY FIELD ACTIVITY REPORT

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
	-	-								
Total	575	14,375								

\* = cubic yard totals are approximate since countersigned manifests have yet to been received

### Construction Map Sketch





145 Sherwood Avenue, Farmingdale, NY 11735 (631) 815-1900

Serving the Mid-Atlantic and Northeast Regions for over 30 years  
www.mtgroup.com

Client: New York Recycling LLC  
Joe Pego  
475 Exterior Street  
Bronx, NY 10451

Project ID: 201307030  
Weather:  
Temperature:

Date: 12/10/2015  
Report #: 1-962-000013  
Inspector: Armando Torres  
Time Start:  
Time Finish:

Project: Lab Testing

REPORT: Sieve Analysis

MTG NO: 91613

Page 1 of 1

Material: 3/4" Recycled Stone

<u>Sieve</u>	<u>% Passing</u>	<u>Low</u>	<u>High</u>
1 1/2 in	100		
1.00 in	90		
3/4 in	16		
1/2 in	1		
3/8 in	1		

Test Method (As Applicable):

Orig: New York Recycling LLC Attn: Joe Pego  
(1-ec copy)

Respectfully Submitted,  
MT Group





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85		>85	X
WIND	SW 5-9 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	08/11/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Environmental Scientist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil to approximately 15 feet below grade surface (bgs) in the western portion of the Site. Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesis, were applied and mixed in with the soil at the base of the excavation area and the soil was graded in preparation for the rat slab installation.

-The contractor removed four (4) truck-loads of non-hazardous material off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.

-No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-One (1) 10 cubic-yard roll-off container was delivered to the Site.

Material Removed From Site:

-Four (4) truck-loads of soil were removed and disposed off-site at the Clean Earth of Carteret Facility located in Carteret, New Jersey.

-One (1) 10 cubic-yard roll-off container was removed from the Site.

Working In Grid #s: A1, A2, A3, B1, B2, D1, and E1.

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed throughout the day and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tomorrow, August 12, 2016):

-The contractor plans to continue to grade soil in the western portion of the Site in preparation for the installation of the concrete mud slab.

-The contractor plans to pour the concrete mud slab in the western portion of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	4	100								
Total	579	14,475								

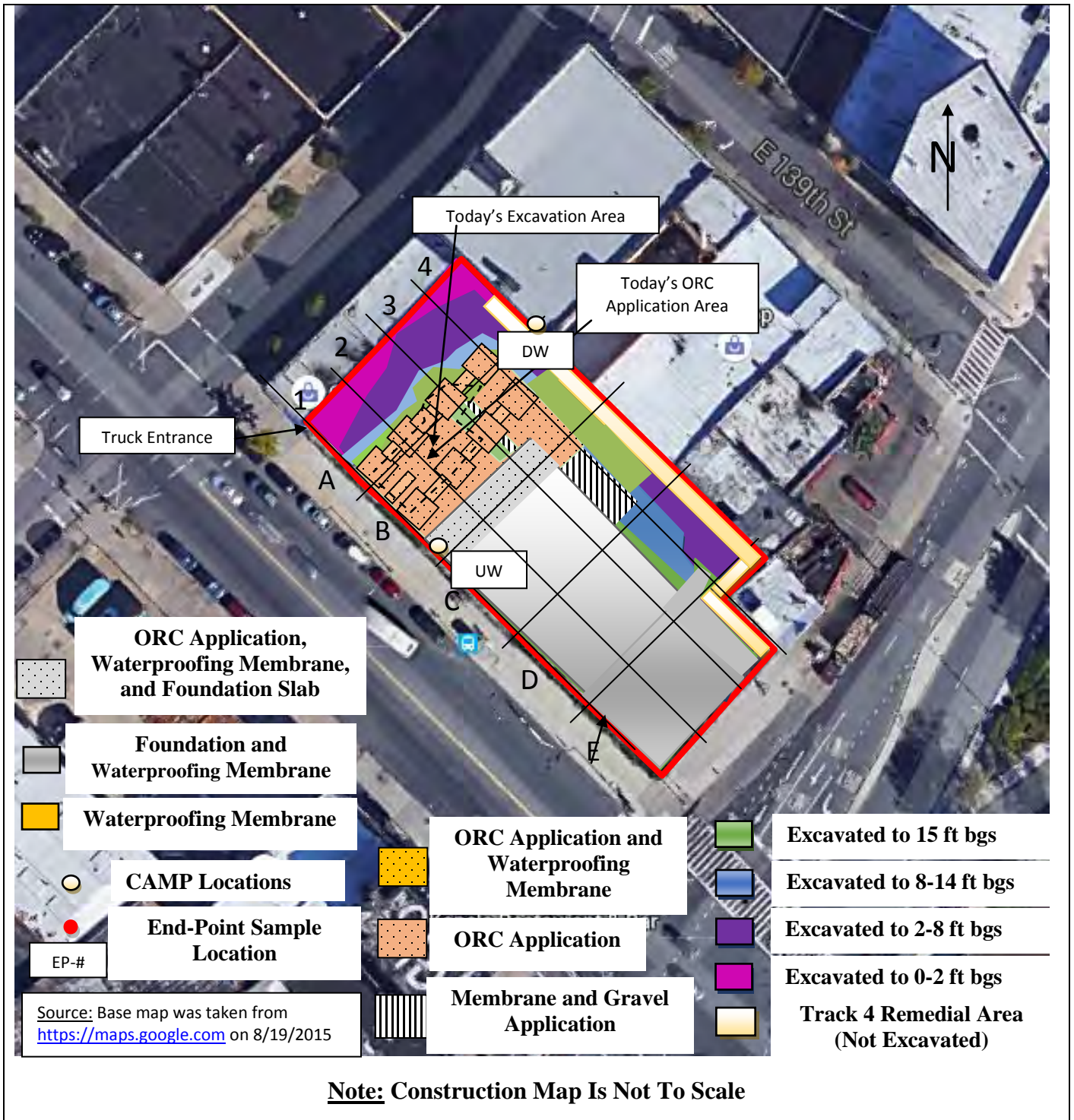
\* = cubic yard totals are approximate since countersigned manifests have yet to be received



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil in the western portion of the Site, facing northeast.



Photo 2 –

View of the contractor directly loading material for off-site disposal, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor applying water to the truck tires prior to exiting the site.



Photo 4 –

View of the ¾-inch RCA (not blend) imported to the E. 138<sup>th</sup> Street sidewalk behind the southern foundation wall, facing east. Note that this area is outside of the property line.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

Additional view of the  $\frac{3}{4}$ -inch RCA (not blend) imported to the E. 138<sup>th</sup> Street sidewalk behind the southern foundation wall, facing northwest. Note that this area is outside of the property line.



Photo 6 –

View of the  $\frac{3}{4}$ -inch RCA Blend placed in the Third Avenue sidewalk behind the eastern foundation wall, facing northeast. Note that this area is outside of the property line.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

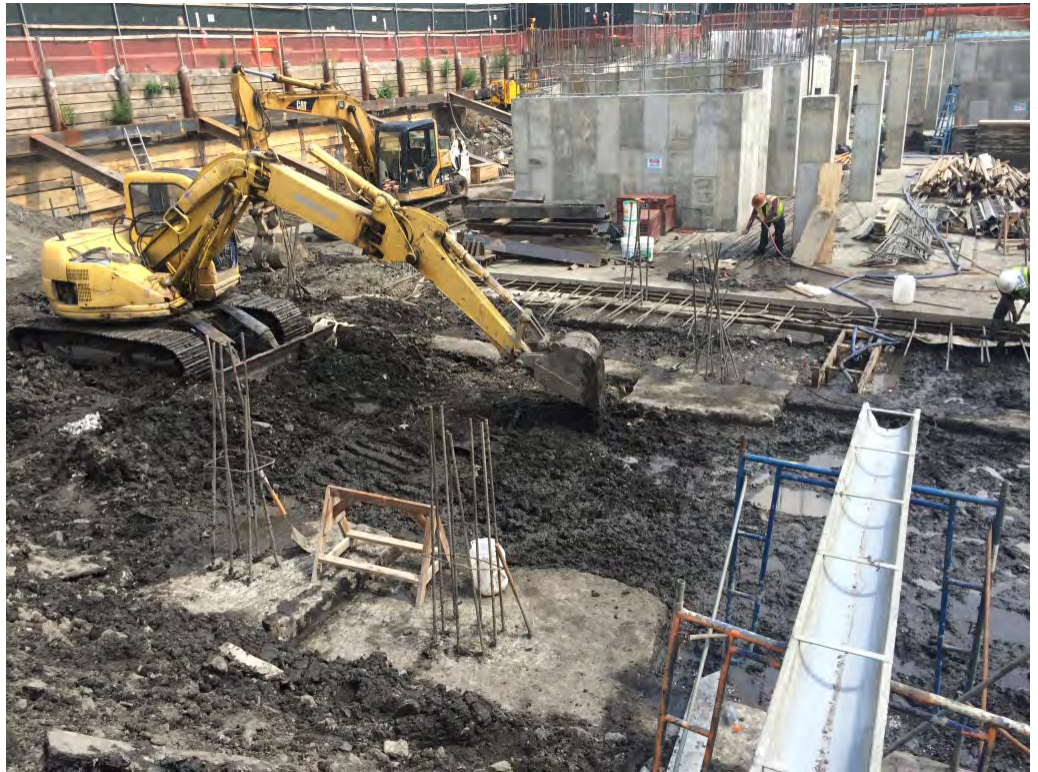
Photo 7 –

View of the contractor applying the ORC to the base of excavation area in the western portion of the Site, facing east. .



Photo 8 –

View of the contractor using the excavator to mix the ORC within the soil at the base of excavation, facing east.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain	X	Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85		>85	X
WIND	S 0-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	08/12/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Jonathan Kraus – Environmental Scientist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.****Environmental Bulkhead Corp. (EBC)**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil to approximately 15 feet below grade surface (bgs) in the western portion of the Site. Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesis, were applied and mixed in with the soil at the base of the excavation area and the soil was graded in preparation for the rat slab installation.

-The contractor removed four (4) truck-loads of non-hazardous material off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.

-The contractor performed horizontal concrete grout injections in the northeastern portion of the Site along the western boundary of the adjacent building located at 2557 Third Avenue.

-No fugitive dust was observed throughout the day.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Four (4) truck-loads of soil were removed and disposed off-site at the Clean Earth of Carteret Facility located in Carteret, New Jersey.

Working In Grid #s: A1-3, B1-3 and D4.

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-Air monitoring was not performed due to inclement weather (i.e. Rain).

Problems Encountered:

-None.

Description of Upcoming Work Activities (Monday, August 15, 2016):

-The contractor does not have anticipate to perform for soil excavation or removal activities.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	4	100								
Total	583	14,575								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil in the western portion of the Site, facing northwest.



Photo 2 –

View of the contractor directly loading material for off-site disposal, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor performing horizontal concrete grout injections along the western boundary of the adjacent building located at 2557 Third Avenue, facing southeast.



Photo 4 –

View of the concrete rat slab previously installed in the western portion of the Site, facing east.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the contractor excavating soil in the western portion of the Site, facing north.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	SW 10-20 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	08/17/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Jonathan Kraus – Environmental Scientist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.****Environmental Bulkhead Corp. (EBC)**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil to approximately 15 feet below grade surface (bgs) in the northern portion of the Site for the installation of lagging. Additionally, the contractor placed grout by hand behind the lagging.

-The contractor began the framing installation for the first floor of the building superstructure in the eastern portion of the Site.

-No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed from Site:

-No equipment was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-One (1) truck load of lumber was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A1, C1-4, D1-4, E1-2.

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances. Reference the Air Monitoring Log and Attachment I – Air Monitoring Results Summary.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Wednesday, August 18, 2016):

-The contractor intends to continue the lagging installation along the northern boundary of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
	-	-								
Total	583	14,575								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil in the northern portion of the Site for the installation of lagging, facing west.



Photo 2 –

View of the contractor installing lagging along the northern Site boundary, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3—

View of the contractor applying grout behind the lagging, facing northeast.



Photo 4—

View of the contractor installing the framing for the first floor of the building superstructure, facing southeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	NE 0-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	08/18/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Jonathan Kraus – Environmental Scientist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent &  
Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.****Environmental Bulkhead Corp. (EBC)**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil to approximately 15 feet below grade surface (bgs) in the northern portion of the Site for the installation of lagging. Additionally, the contractor placed grout by hand behind the lagging.

-The contractor continued the framing installation for the first floor of the building superstructure in the eastern portion of the Site.

-No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed from Site:

-No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered from the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: C1-4, D1-4, E1-2.

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances. Reference the Air Monitoring Log and Attachment I – Air Monitoring Results Summary.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Friday, August 19, 2016):

-The contractor intends to continue the lagging installation along the northern boundary of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
	-	-								
Total	583	14,575								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil in the northern portion of the Site for the installation of lagging, facing west.



Photo 2 –

View of the contractor installing lagging along the northern Site boundary, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3—

View of the western portion of the Site, facing southwest.



Photo 4—

View of the contractor installing the framing for the first floor of the building superstructure, facing southeast.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	NW 0-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	08/19/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Jonathan Kraus – Environmental Scientist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent &  
Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.****Environmental Bulkhead Corp. (EBC)**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil to approximately 15 feet below grade surface (bgs) along the northern boundary of the Site for the installation of lagging.

-The contractor installed the Preprufe 300R waterproofing membrane, manufactured by Grace, in the western portion of the Site.

-The contractor continued the framing installation for the first floor of the building superstructure in the eastern portion of the Site.

-No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed from Site:

-No equipment was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-A truck load of rebar was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A1-3, B1-3, C1-3, D1-4, E1-3.

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances. Reference the Air Monitoring Log and Attachment I – Air Monitoring Results Summary.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Monday, August 22, 2016):

-The contractor intends to continue the lagging installation along the northern boundary of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
	-	-								
Total	583	14,575								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating soil along the northern boundary of the Site for the installation of lagging, facing northwest.



Photo 2 –

View of the contractor installing the Preprufe 300R waterproofing membrane in the western portion of the Site, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3—

View of the contractor applying the Preprufe Tape to attach the waterproofing membrane layers, facing southwest.



Photo 4—

View of the sealed waterproofing membrane penetrations.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	NW 0-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	08/24/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Jonathan Kraus – Environmental Scientist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.****Environmental Bulkhead Corp. (EBC)**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil to approximately 13 feet below grade surface (bgs) along the northern boundary of the Site and along the western boundary of the adjacent building located at 2557 Third Avenue (Block 2333, Lot 26) for the installation of lagging.

-Brinkerhoff performed a soil investigation along the western boundary of the adjacent building located at 2557 Third Avenue (Block 2333, Lot 26). The investigation consisted of inserting a piece of rebar through the spaces between the wood lagging to determine the soil thickness between the existing wood lagging and the horizontally injected concrete. Based on the investigation, at least 5.5 to 16 inches of soil were observed between the installed lagging and the injected concrete, thus a sidewall endpoint sample, identified as EP-25, was collected from this area.

-The contractor continued the framing installation for the first floor of the building superstructure in the eastern portion of the Site.

-No fugitive dust was observed throughout the day.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed from Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A2, A3, C1-3, D1-4, E1-3.

Samples Collected:

-Two (2) sidewall endpoint samples, identified as EP-24 and EP-25, were collected and submitted to the laboratory for analysis of Target Compound List (TCL) and Target Analyte List (TAL) parameters and Hexavalent and Trivalent Chromium. Reference the construction map below for the approximate sample location.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances. Reference the Air Monitoring Log and Attachment I – Air Monitoring Results Summary.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Thursday, August 25, 2016):

-The contractor anticipates to continue the lagging installation to 15 feet bgs along the northern boundary of the site and the western boundary of the adjacent building located at 2557 Third Avenue (Block 2333, Lot 26).

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
	-	-								
Total	583	14,575								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the previously installed concrete slab in the western portion of the Site, facing southwest.



Photo 2 –

View of the contractor excavating for the lagging installation in the northeastern portion of the Site, facing east.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor installing lagging in the northeastern portion of the Site, facing northeast.



Photo 4 –

View of the contractor applying grout behind the lagging.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Michael Dubnansky

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	NW 0-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	08/25/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Michael Dubnansky – Geologist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent &  
Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.****Environmental Bulkhead Corp. (EBC)**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil to approximately 15 feet below grade surface (bgs) along the northern boundary of the Site and along the western boundary of the adjacent building located at 2557 Third Avenue (Block 2333, Lot 26) for the installation of lagging.

-The contractor continued the framing installation for the first floor of the building superstructure in the eastern portion of the Site.

-No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed from Site:

-No equipment was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A2, A3, C1-3, D1-4, E1-3.

Samples Collected:

-No samples were collected.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Friday, August 25, 2016):

-The contractor anticipates to continue work on the superstructure.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	583	14,575								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the northern boundary of the site, facing northwest.



Photo 2 –

View of the contractor excavating for the lagging installation in the northeastern portion of the Site, facing north.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor installing lagging in the northeastern portion of the Site.



Photo 4 –

View of the contractor continuing work on the superstructure, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	NW 0-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	08/31/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Jonathan Kraus – Environmental Scientist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent &  
Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.****Environmental Bulkhead Corp. (EBC)**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

HD 180B Pile Drill

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil to approximately 15 feet below grade surface (bgs) along the northwestern boundary of the Site for the installation of lagging.

-The contractor drilled piles along the western Site boundary.

-The contractor continued to work on the framing and rebar installation for the first floor in the southeastern and central portions of the Site.

Equipment Delivered to Site:

-A HD 180B Pile Drill was delivered to the Site.

Equipment Removed from Site:

-No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A3, B1-4, C1-3, D1-3, E1-3.

Samples Collected:

-One (1) sidewall endpoint sample, identified as EP-26, was collected and submitted to the laboratory for analysis of Target Compound List (TCL) and Target Analyte List (TAL) parameters and Hexavalent and Trivalent Chromium. Reference the construction map below for the approximate sample location.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Thursday, September 1, 2016):

-The contractor anticipates to perform excavation for the installation of pile caps in the northern portion of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
	-	-								
Total	583	14,575								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Construction Map Sketch**



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor installing the framing and rebar for the first floor in the southeastern portion of the Site, facing southwest.



Photo 2 –

View of the contractor drilling piles in the northwestern portion of the Site, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the lagging installation area along the northwestern Site boundary, facing northeast.



Photo 4 –

View of the Site, facing west.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	N 0-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/02/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Jonathan Kraus – Environmental Scientist

## Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

## Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Ronmel Cimpoberde – Laborer

## Subcontractor(s):

**Scalpel Construction, Inc.****Environmental Bulkhead Corp. (EBC)**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil from approximately five (5) to 15 feet below grade surface (bgs) along the northwestern boundary of the Site for the installation of a raker.

-The contractor continued to work on the framing and rebar installation for the first floor in the southeastern and central portions of the Site.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

- A HD 180B Pile Drill was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A4, B1-4, C1-3, D1-3, E1-3.

Samples Collected:

-None

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tuesday, September 6, 2016):

-The contractor anticipates to perform excavation for the installation of lagging and a raker in the northwestern boundary of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
	-	-								
Total	583	14,575								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor installing the framing and rebar for the first floor in the southeastern portion of the Site, facing southwest.



Photo 2 –

View of the contractor excavating for the installation of a raker, facing northwest.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the raker  
installation along the  
northwestern Site  
boundary, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	N 0-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/06/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Jonathan Kraus – Environmental Scientist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent &  
Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.****Environmental Bulkhead Corp. (EBC)**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil from approximately five (5) to 15 feet below grade surface (bgs) along the northwestern boundary of the Site for the installation of a raker.

-The contractor poured the concrete slab for the first floor in the southeastern and central portions of the Site.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

- No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A4, B1-4, C1-3, D1-3, E1-3.

Samples Collected:

-One (1) base endpoint sample, identified as EP-27, was collected and submitted to the laboratory for analysis of Target Compound List (TCL) and Target Analyte List (TAL) parameters and Hexavalent and Trivalent Chromium. Reference the construction map below for the approximate sample location.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Wednesday, September 7, 2016):

-The contractor anticipates to excavate for the installation of lagging along the northwestern boundary of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	583	14,575								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Construction Map Sketch**



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor installing the first floor in the southeastern and central portions of the Site, facing southeast.



Photo 2 –

View of the contractor excavating for the installation of a raker, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the raker  
installation along the  
northwestern Site  
boundary, facing west.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Rachael Barr

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	N 0-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/07/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Rachael Barr – Environmental Scientist/PM

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.****Environmental Bulkhead Corp. (EBC)**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil to approximately 10 feet below grade surface (bgs) along the northwestern boundary of the Site for the installation of lagging.

-Contractor installed rebar above the first floor concrete slab.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

- No equipment was removed from the Site.

Material Delivered to Site:

- A truck load of rebar was delivered to the site.

- A truck load of wood was delivered to the site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A4, B1-4, C1-3, D1-3, E1-3.

Samples Collected:

- None

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC exceedances. 15-minute average PM-10 exceedances occurred from 10:09 to 10:23; however, no fugitive dust was observed during this time interval. The 15-minute average PM-10 exceedances were likely a result from equipment malfunction. No other 15-minute average PM-10 exceedances were observed for the remainder of the day.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Thursday, September 8, 2016):

-The contractor anticipates to excavate for the installation of lagging along the northwestern boundary of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	583	14,575								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating in the northwestern boundary of the Site, facing northeast.



Photo 2 –

View of the contractor installing lagging in the northwestern boundary of the site, facing northeast.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor installing rebar at the Site, facing east.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Michael Dubnansky

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	N 0-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/08/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Michael Dubnansky – Geologist

## Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

## Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Ronmel Cimpoberde – Laborer

## Subcontractor(s):

**Scalpel Construction, Inc.****Environmental Bulkhead Corp. (EBC)**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Stee

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil to approximately 12 feet below grade surface (bgs) along the northwestern boundary of the Site for the installation of lagging.

-Contractor installed rebar above the first floor concrete slab.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

- No equipment was removed from the Site.

Material Delivered to Site:

- No material was delivered to the site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A4, B1-4, C1-3, D1-3, E1-3.

Samples Collected:

- None

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no PM-10 or VOC exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Friday, September 9, 2016):

-The contractor anticipates to continue excavating for the installation of lagging along the northwestern boundary of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	583	14,575								

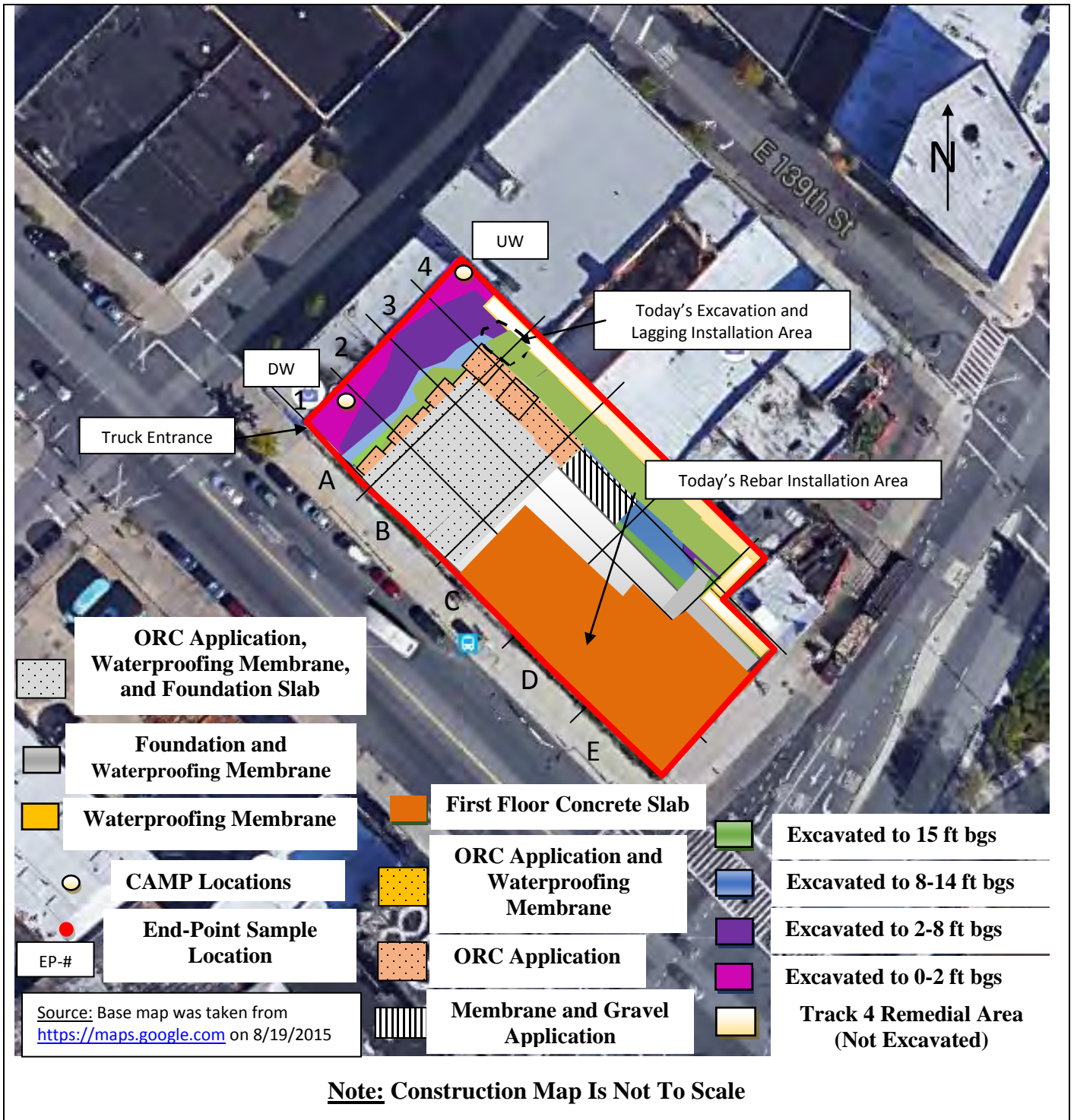
\* = cubic yard totals are approximate since countersigned manifests have yet to be received



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating in the northwest corner of the Site, facing northeast.



Photo 2 –

View of the northern portion of the site, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of construction activities on the superstructure, facing east.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Rachael Barr

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	N 0-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/09/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Rachael Barr – Environmental Scientist/PM

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent &  
Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.****Environmental Bulkhead Corp. (EBC)**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil to approximately 15 feet below grade surface (bgs) along the northwestern boundary of the Site for the installation of lagging.

-The contractor installed rebar above the first floor concrete slab in the central and eastern portions of the site.

Equipment Delivered to Site:

- A small Komatsu 128U excavator was delivered to the site.

Equipment Removed from Site:

- No equipment was removed from the Site.

Material Delivered to Site:

- No material was delivered to the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A4, B1-4, C1-3, D1-3, E1-3.

Samples Collected:

- One (1) sidewall endpoint sample, identified as EP-28, was collected and submitted to the laboratory for analysis of Target Compound List (TCL) and Target Analyte List (TAL) parameters and Hexavalent and Trivalent Chromium. Reference the construction map below for the approximate sample location.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC exceedances or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Monday, September 12, 2016):

-The contractor anticipates to excavate for the installation of lagging along the northwestern boundary of the Site.

-The contractor anticipates to remove soil off-site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	583	14,575								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor installing lagging in the northwestern boundary of the Site, facing northeast.



Photo 2 –

View of the contractor installing rebar in the central and eastern area of the Site, facing northeast.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the construction activities, facing southeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Rachael Barr

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70	X	70-85		>85	
WIND	N 0-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/12/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Rachael Barr – Environmental Scientist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent &  
Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.****Environmental Bulkhead Corp. (EBC)**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor excavated soil to approximately 15 feet below grade surface (bgs) along the northeastern boundary of the Site in preparation of the concrete mud slab installation
- The contractor stockpiled soil in the northwestern boundary of the site in preparation for later off-site disposal.
- The contractor dewatered the northeastern area of the site during excavating activities.
- The contractor continued to install rebar above the first floor concrete slab.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

- No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A4, B1-4, C1-4, D1-4, E1-3.

Samples Collected:

- None

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tuesday, September 13, 2016):

-The contractor anticipates loading excavated soil into dump trucks for off-site disposal.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	583	14,575								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**  
**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating in the northeastern boundary of the Site, facing northwest.



Photo 2 –

View of the contractor excavating in the northeastern portion of the site, facing southeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the  
superstructure  
construction, facing  
northwest.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	SSW 2-8 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/13/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Environmental Scientist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated the stockpiled soil in the northern corner of the site and removed six (6) oads of soil to Clean Earth of Carteret located in Carteret, New Jersey.

-The contractor dewatered and graded the soil in the northeastern portion of the site in preparation for the installation of the concrete mud slab.

-The contractor continued to install formwork for the second floor installation in the southeast portion of the Site.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

- No equipment was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Material Removed From Site:

-Six (6) loads of soil were removed from the Site to Clean Earth of Carteret located in Carteret, New Jersey.

Working In Grid #s: A4, B4, C1-4, D1-4, E1-3.

Samples Collected:

-Two (2) base endpoint samples, identified as EP-29 and EP-30, were collected and submitted to the laboratory for analysis of Target Compound List (TCL) and Target Analyte List (TAL) parameters and Hexavalent and Trivalent Chromium. Reference the construction map below for the approximate sample location.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Wednesday, September 14, 2016):

-The contractor anticipates to remove approximately five (5) loads of excavated soil for off-site disposal to Clean Earth of Carteret located in Carteret, New Jersey.  
-The contractor anticipates to install the waterproofing membrane above the concrete mud slab in the northeast portion of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	6	150								
Total	589	14,725								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT

Construction Map Sketch



Note: Construction Map Is Not To Scale



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating in the northern corner of the Site, facing north.



Photo 2 –

View of the contractor directly loading the material for off-site disposal, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the Site, facing south.



Photo 4 –

View of the formwork for the second floor installation in the southeast portion of the Site, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Rachael Barr

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	SSW 2-8 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/14/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Rachael Barr – Environmental Scientist

## Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

## Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Ronmel Cimpoberde – Laborer

## Subcontractor(s):

**Scalpel Construction, Inc.**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated the stockpiled soil in the northwestern corner of the site and removed five (5) loads of soil to Clean Earth of Carteret located in Carteret, New Jersey.

-The contractor dewatered and excavated the soil in the northcentral portion of the site in preparation for the installation of the concrete mud slab.

-The contractor continued to install formwork for the second floor installation in the southeast portion of the Site.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

- No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Removed From Site:

-Five (5) loads of soil were removed from the Site to Clean Earth of Carteret located in Carteret, New Jersey.

Working In Grid #s: A4, B4, C1-4, D1-4, E1-3.

Samples Collected:

-None

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Wednesday, September 14, 2016):

-The contractor anticipates to remove approximately three (3) loads of excavated soil for off-site disposal to Clean Earth of Carteret located in Carteret, New Jersey.

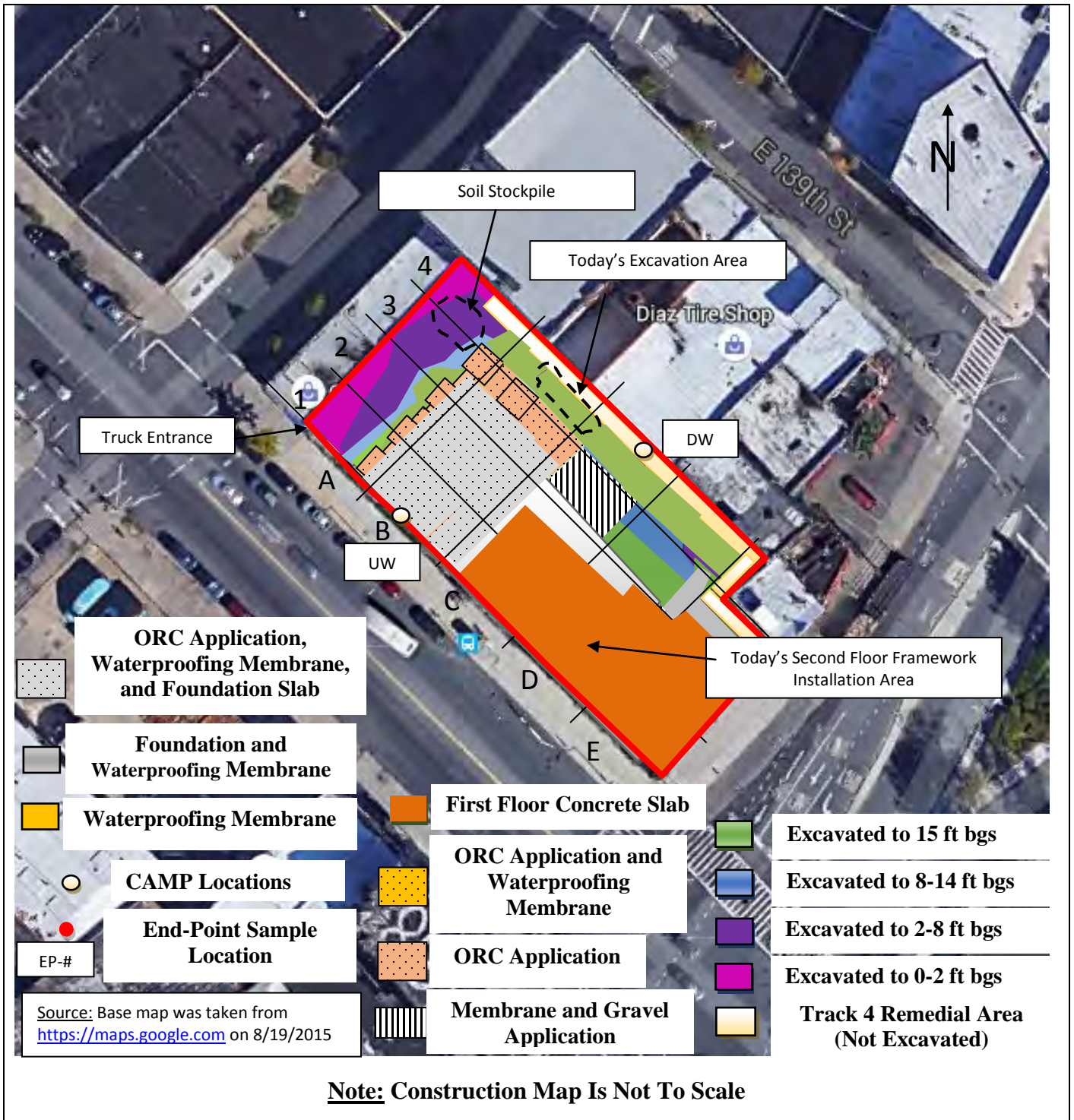
-The contractor anticipates to install the waterproofing membrane above the concrete mud slab in the northcentral portion of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
	5	125								
Total	594	14,850								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating along the northern boundary of the Site, facing southeast.



Photo 2 –

View of the contractor directly loading material for off-site disposal, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the second floor installation, facing northeast.



Photo 4 –

View of the installed concrete mud slab along the northern boundary of the site, facing west.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Rachael Barr

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	N 0-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/15/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Rachael Barr – Environmental Scientist

## Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

## Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent &  
Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Ronmel Cimpoberde – Laborer

## Subcontractor(s):

**Scalpel Construction, Inc.****Environmental Bulkhead Corp. (EBC)**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated in the northwestern corner of the site and removed six (6) loads of soil to Clean Earth of Carteret located in Carteret, New Jersey.

-The contractor excavated and graded soil to approximately 15 feet below grade surface (bgs) along the northwestern boundary of the Site in preparation of the concrete mud slab installation.

- The contractor continued to install formwork for the second floor installation in the southeast portion of the Site.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

- No equipment was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT****Material Removed From Site:**

- Six (6) truck-loads of soil were removed from the Site to Clean Earth of Carteret located in Carteret, New Jersey.

Working In Grid #s: A4, B1-4, C1-4, D1-4, E1-3.

**Samples Collected:**

- None

**Community Air Monitoring Plan (CAMP):**

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

**Problems Encountered:**

-None.

**Description of Upcoming Work Activities (Friday, September 16, 2016):**

-The contractor anticipates to install the concrete mud slab in the central and northwestern portion of the site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	6	150								
Total	600	15,000								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating in the northwestern corner of the Site, facing northwest.



Photo 2 –

View of the contractor directly loading material for off-site disposal, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the site, facing  
northwest.



Photo 4 –

View of the second floor  
installation, facing  
northeast





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Rachael Barr

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	N 0-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/16/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Rachael Barr – Environmental Scientist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent &  
Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.****Environmental Bulkhead Corp. (EBC)**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated and graded soil to 15 feet below grade surface (bgs) along the northwestern boundary of the Site for preparation of the concrete mud slab.

-The contractor de-watered the northwestern portion of the site during excavation activities.

-The contractor poured concrete around the helical pier in the northwest corner of the site.

-The contractor continued to install formwork and rebar for the second floor of the building structure.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

- No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A4, B1-4, C1-3, D1-3, E1-3.

Samples Collected:

-One (1) base endpoint sample, identified as EP-31, was collected and submitted to the laboratory for analysis of Target Compound List (TCL) and Target Analyte List (TAL) parameters and Hexavalent and Trivalent Chromium. Reference the construction map below for the approximate sample location.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Wednesday, September 7, 2016):

-The contractor anticipates to install the waterproofing membrane along the northern boundary of the site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	583	14,575								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Construction Map Sketch**



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating along the northern boundary of the site, facing northeast.



Photo 2 –

View of the second floor installation, facing southeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the concrete  
mud slab, facing  
northwest.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Rachael Barr

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	SSW 2-8 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/21/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Rachael Barr – Environmental Scientist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated in the northwestern corner of the site and removed six (6) loads of soil to Clean Earth of Carteret located in Carteret, New Jersey.

-The contractor installed the Preprufe 300R waterproofing membrane, manufactured by Grace, along the northern boundary of the site.

-The contractor welded the pile caps located within the western ramp area of the site.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

- No equipment was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Material Removed From Site:

-Six (6) loads of soil were removed from the Site to Clean Earth of Carteret located in Carteret, New Jersey.

Working In Grid #s: A4, B4, C3-4, D3-4, E-3.

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Thursday, September 22, 2016):

-The contractor anticipates to continue the installation of the waterproofing membrane and concrete slab in the northern portion of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
	6	150								
Total	595	14,875								

\* = cubic yard totals are approximate since countersigned manifests have yet to been received

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor directly loading soil for off-site disposal in the western portion of the Site, facing west.



Photo 2 –

View of the excavation area in the western portion of the site, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the installed waterproofing membrane in the northern portion of the site, facing northwest.



Photo 4 –

View of the contractor directly loading soil for off-site removal in the western portion of the Site, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	NW 0-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/23/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Jonathan Kraus – Environmental Scientist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**

Ratko Krneta – Construction Site Superintendent &amp; Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated in the northwestern corner of the site and removed six (6) loads of soil to Clean Earth of Carteret located in Carteret, New Jersey.

-The contractor installed rebar above the Preprufe 300R waterproofing membrane, manufactured by Grace, along the northern boundary of the site.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

- No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-A truck load of rebar was delivered to the Site.

Material Removed From Site:

-Six (6) loads of soil were removed from the Site to Clean Earth of Carteret located in Carteret, New Jersey.

Working In Grid #s: A3-4, B4, C3-4, D3-4, E-3

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Saturday, September 24, 2016):

-The contractor anticipates to pour the concrete slab in the northern portion of the Site

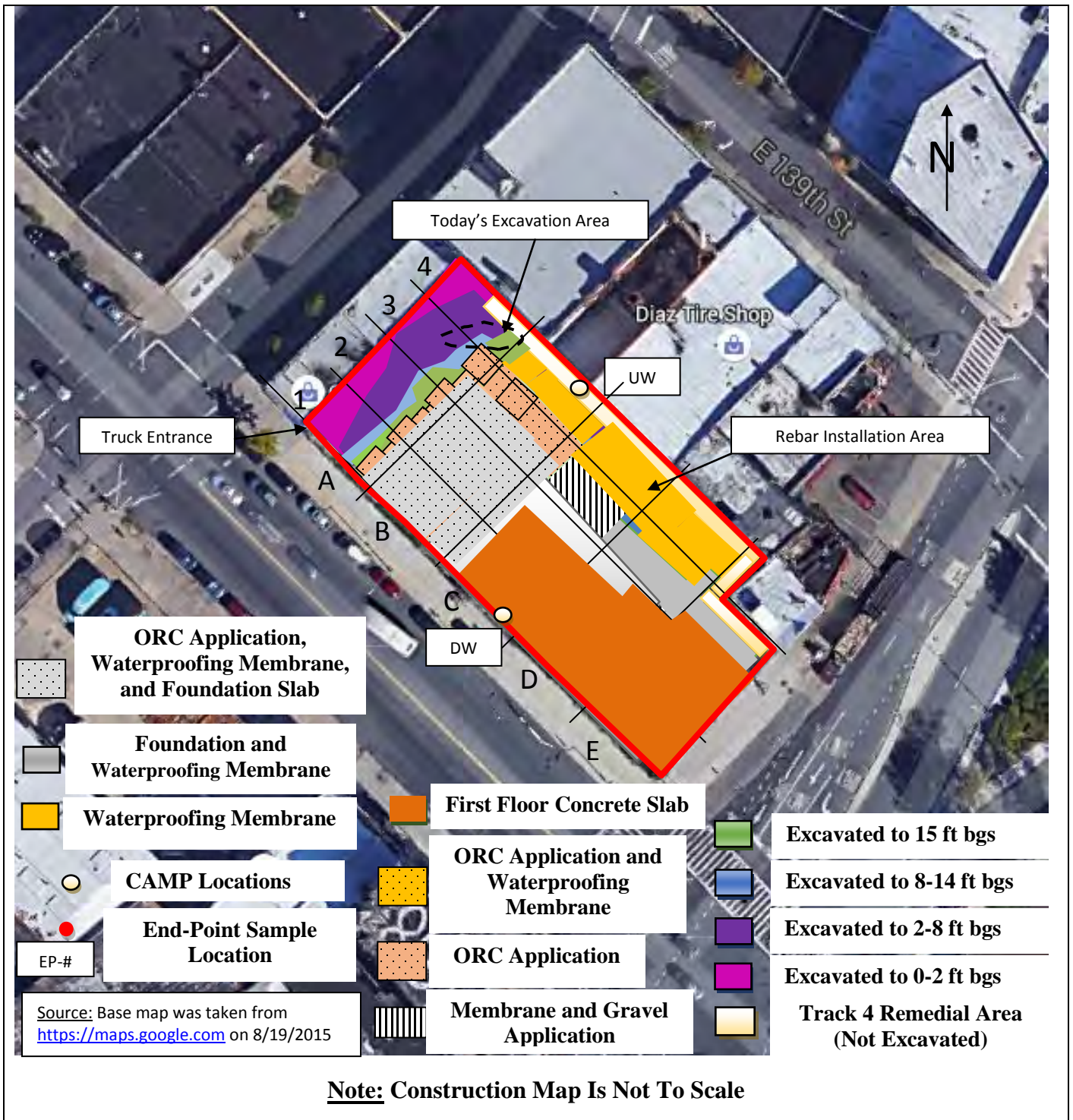
	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
	6	150								
Total	601	15,025								

\* = cubic yard totals are approximate since countersigned manifests have yet to been received



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating in the northwestern portion of the Site, facing southwest.



Photo 2 –

View of the contractor directly loading soil for off-site removal, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

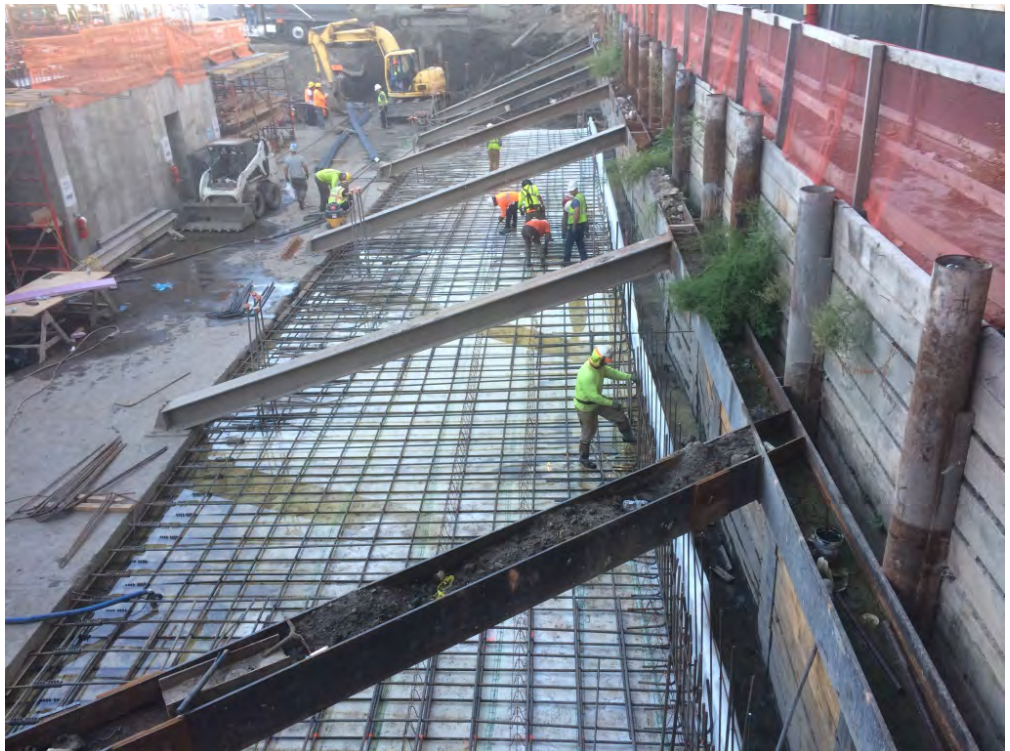
Photo 3 –

View of the site facing south.



Photo 4 –

View of the contractor installing rebar in the northern portion of the Site, facing west.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Rachael Barr

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain	X	Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	0 TO 32		32-50		50-70	X	70-85		>85	
WIND	NW 0-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/27/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Rachael Barr – Environmental Scientist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent &  
Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor excavated soil in the western portion of the site along the adjacent building in preparation for the underpinning installation.

-The contractor installed rebar and formwork for the foundation wall in the northeast portion of the site.

-The contractor installed lagging along the western boundary of the site for the underpinning installations.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

- No equipment was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

- A truck load of rebar was delivered to the Site.
- A truck load of wood was delivered to the Site.

Material Removed From Site:

- None.

Working In Grid #s: A2-4, B4, C3-4, D3-4, E-3

Samples Collected:

- None.

Community Air Monitoring Plan (CAMP):

- Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

- None.

Description of Upcoming Work Activities (Wednesday, September 28, 2016):

- The contractor anticipates to pour concrete within the underpinning locations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
Total	601	15,025								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating in the western portion of the Site for the underpinning installation, facing north.



Photo 2 –

View of the underpinning excavation along the western boundary of the site, facing northwest.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the installed lagging within the underpinning excavation, facing northwest.



Photo 4 –

View of the contractor installing formwork and rebar for the foundation wall in the northeast portion of the Site, facing east.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Rachael Barr

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain	X	Overcast		Partly Cloudy		Bright Sun	
TEMP.	0 TO 32		32-50		50-70	X	70-85		>85	
WIND	NW 0-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/04/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Rachael Barr – Environmental Scientist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent &  
Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor excavated in the northwest corner of the site and removed four (4) loads of soil to Clean Earth of Carteret located in Carteret, New Jersey.
- The contractor installed rebar and formwork for the foundation wall along the southern boundary of the site and for the second floor installation in the northeast portion of the site.
- The contractor installed lagging along the western boundary of the site for the underpinning installations.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

- No equipment was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-None.

Material Removed From Site:

-A truck load of formwork was removed from the site.

Working In Grid #s: A2-4, B1-2, C3-4, D3-4, E-3

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

- From 08:56 to 09:12, 15-minute average PM-10 exceedances were observed in the downwind location. However, no fugitive dust was observed during this time interval. The 15-minute average PM-10 exceedances were likely a result from equipment malfunction. No other 15-minute average PM-10 exceedances were observed for the remainder of the day. Additionally, no 15-minute VOC exceedances were observed.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Wednesday, October 5, 2016):

-The contractor anticipates to continue the underpinning installation along the western boundary of the site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
	4	100								
Total	605	15,125								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

DAILY FIELD ACTIVITY REPORT

Construction Map Sketch



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor installing formwork and rebar along the southern wall, facing south.



Photo 2 –

View of the underpinning installation along the western boundary of the site, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the formwork installation in the northeast portion of the site, facing north.



Photo 4 –

View of the contractor directly loading soil for off-site disposal to Clean Earth of Carteret Facility in Carteret, New Jersey, facing north.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70	X	70-85		>85	
WIND	NW 0-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/10/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Monica Norton – Environmental Scientist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent &  
Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

-The contractor installed the Preprufe 300R waterproofing membrane, manufactured by Grace, along the northern boundary of the Site.

-The contractor installed rebar for the second floor foundation of the superstructure in the northeastern portion of the Site and continued to install formwork for the third floor of the superstructure in the central portion of the Site.

-Additionally, the contractor continued to install underpinning along the western boundary of the Site.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

-No equipment was removed from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-None.

Material Removed From Site:

-A 10 cubic-yard container filled with wood was removed from the Site.

Working In Grid #s: A3-4, B1-4, C1-4, D3-4, E-4.

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-CAMP was not performed because no soil excavation activities occurred today.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tuesday, October 11, 2016):

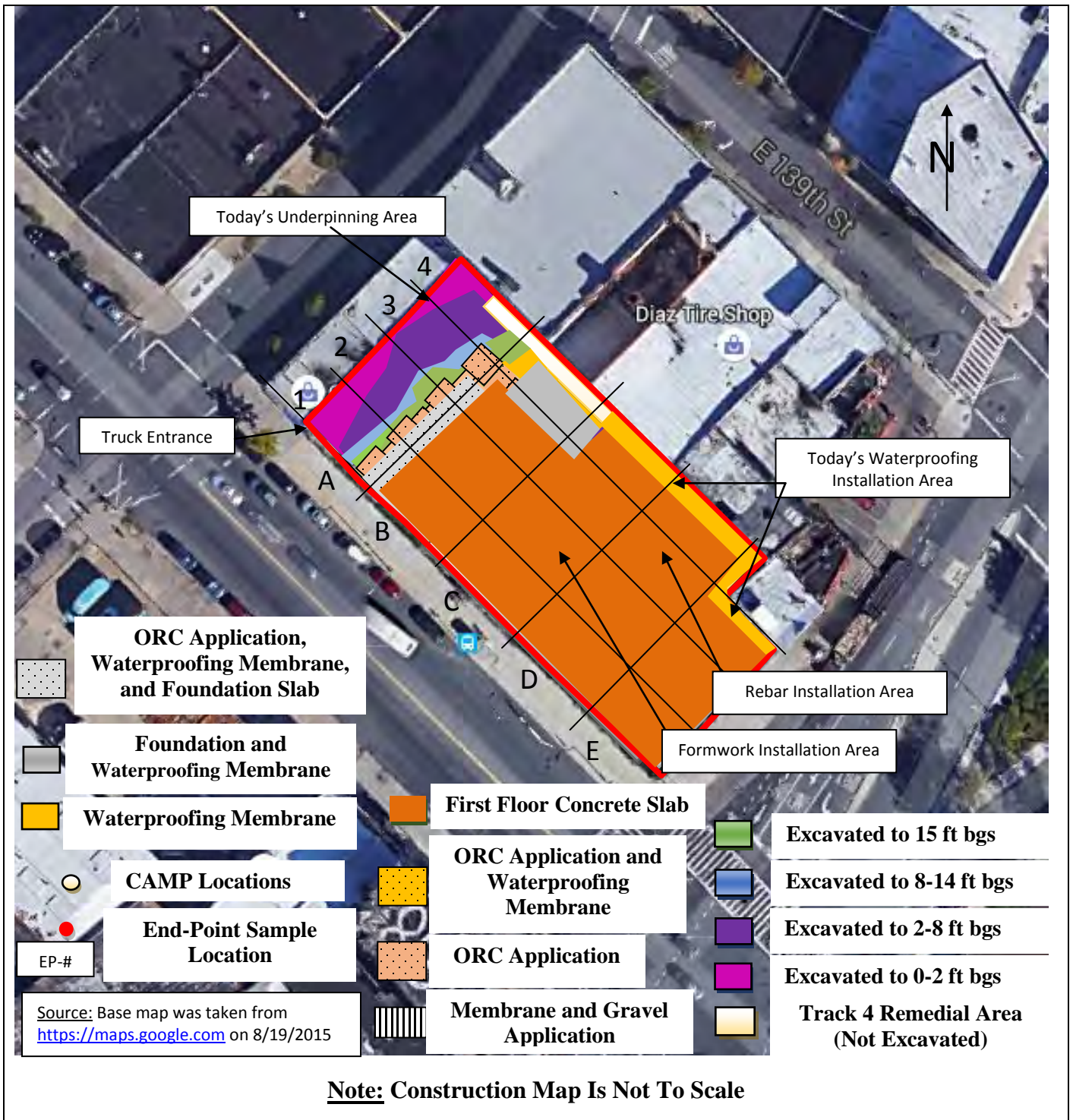
-The contractor anticipates to excavated in the northern corner of the Site and remove approximately four (4) truck-loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, NJ.  
 -The contractor anticipates to continue installing rebar and formwork in the eastern and central portions of the Site.  
 -The contractor anticipates to continue the underpinning installation along the western boundary of the site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	605	15,125								

\* = cubic yard totals are approximate since countersigned manifests have yet to been received

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the installed waterproofing membrane along the northern boundary of the Site, facing east.



Photo 2 –

Additional view of the installed waterproofing membrane along the northern boundary of the Site, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

Close-up view of the installed waterproofing membrane, bituthene liquid membrane, and tape along the northern boundary of the Site.



Photo 4 –

View of the installed rebar in the northern portion of the Site, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the  
superstructure  
installation, facing east.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Rachael Barr

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70	X	70-85		>85	
WIND	NW 0-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/12/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**

Rachael Barr – Environmental Scientist

Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent &  
Safety Officer

Alex Adduci – Project Manager

Edwin – Security

Ronmel Cimpoberde – Laborer

Subcontractor(s):

**Scalpel Construction, Inc.**Equipment on Site:**Lettire Construction Corp.**

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering Storage and Treatment Tanks

Description of Work Performed:

- The contractor excavated in the northwest corner of the site and removed four (4) loads of soil to Clean Earth of Carteret located in Carteret, New Jersey.
- The contractor installed the Preprufe 300R waterproofing membrane, manufactured by Grace, along the northern boundary of the Site.
- The contractor installed rebar for the construction of the second floor of the superstructure in the northeastern and south-central portions of the Site and continued to install formwork for the second floor of the superstructure in the north-central portion of the Site.
- The contractor continued to underpin along the northwestern boundary of the Site.

Equipment Delivered to Site:

- No equipment was delivered from the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Equipment Removed from Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-None.

Material Removed From Site:

- Four (4) loads of non-hazardous soil were removed off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.

Working In Grid #s: A3-4, B1-4, C1-4, D3-4, E-4.

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-CAMP was performed today; however, due to an equipment malfunction, no PM-10 data was recorded on the Dust Track II Aerosol Monitor. Additionally, no visible dust or 15-minute average VOC exceedances were observed throughout the day.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Thursday, October 13, 2016):

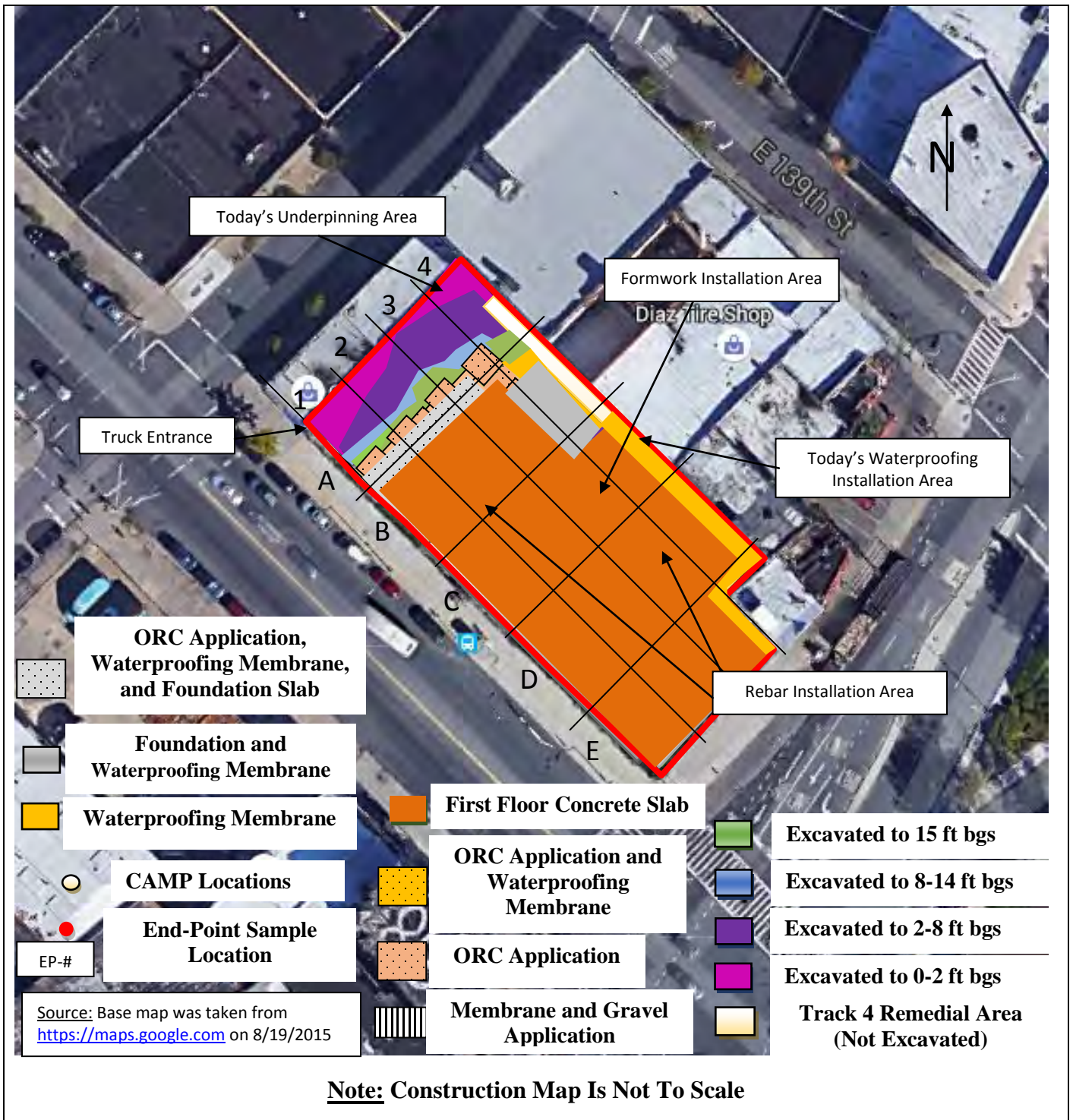
-The contractor anticipates to continue installing rebar and formwork in the northeastern and central portions of the Site.  
-The contractor anticipates to continue the underpinning installation along the western boundary of the site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	4	100								
Total	609	15,225								

\* = cubic yard totals are approximate since countersigned manifests have yet to been received

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the installed rebar and waterproofing membrane along the northern boundary of the Site, facing northwest.



Photo 2 –

View of the underpinning installation along the western boundary, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor installing the second floor of the superstructure in the south-central portion of the site, facing north.



Photo 4 –

View of the contractor directly loading soil for off-site disposal, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the underpinning installation along the western boundary, facing west.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Rachael Barr

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	SSW 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/18/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**Rachael Barr – Environmental Scientist  
Sean Harrison – Project Manager

## Inspector(s):

**Wang Technology**

Paul Tapias – Inspector

## Contractor:

**Lettire Construction Corp.**Ratko Krneta – Construction Site Superintendent &  
Safety Officer  
Alex Adduci – Project Manager  
Edwin – Security  
Ronmel Cimpoberde – Laborer

## Subcontractor(s):

**Scalpel Construction, Inc.****Environmental Remediation and Financial Services, LLC**

## NYSDEC Personnel:

Bryan Wong – Project Manager

Equipment on Site:**Lettire Construction Corp.**CAT PC128UU Backhoe  
CAT 315 L Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer  
LANDA 3500 PSI Power Washer  
Bobcat Skid Steer**Groundwater Treatment and Technology, LLC**

Dewatering storage and treatment tanks

**Environmental Remediation and Financial Services, LLC**

Geoprobe 54LT, 10 55-gallon drums of hydrogen peroxide, and mixing drums

Description of Work Performed:

-Environmental Remediation and Financial Services, LLC (ERFS) was on-site and installed one (1) temporary monitoring well, identified as TMW-2, within the treatment area in the western portion of the Site. Additionally, ERFS advanced three (3) temporary direct-push points within the treatment area and injected 323 gallons of hydrogen peroxide and 72 gallons of catalyst between six (6) and 15 feet below grade surface (bgs).

-Prior to the start of the chemical injections, Brinkerhoff collected a groundwater sample from the permanent off-site monitoring well, SMW-1, and from the temporary monitoring well, TMW-2.

-The contractor continued to install rebar for the construction of the second floor of the superstructure in the northeastern and south-central portions of the Site and continued to install formwork for the second floor of the superstructure in the north-central portion of the Site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Equipment Delivered to Site:

- A Geoprobe 54LT was delivered to the Site.

Equipment Removed from Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-Ten (10) 55-gallon drums of hydrogen peroxide were delivered to the Site.

Material Removed From Site:

- None

Working In Grid #s: A1-4, B1-4, C1-4, D3-4, E-4.

Samples Collected:

-Two (2) groundwater samples identified as SMW-1 and TMW-2 were collected and submitted to the laboratory for analysis of Total Compound List (TCL) Volatile Organic Compounds (VOCs). Reference the Construction Map below for the sample locations.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Wednesday, October 19, 2016):

-The contractor anticipates to continue installing rebar and formwork in the northeastern and central portions of the Site.

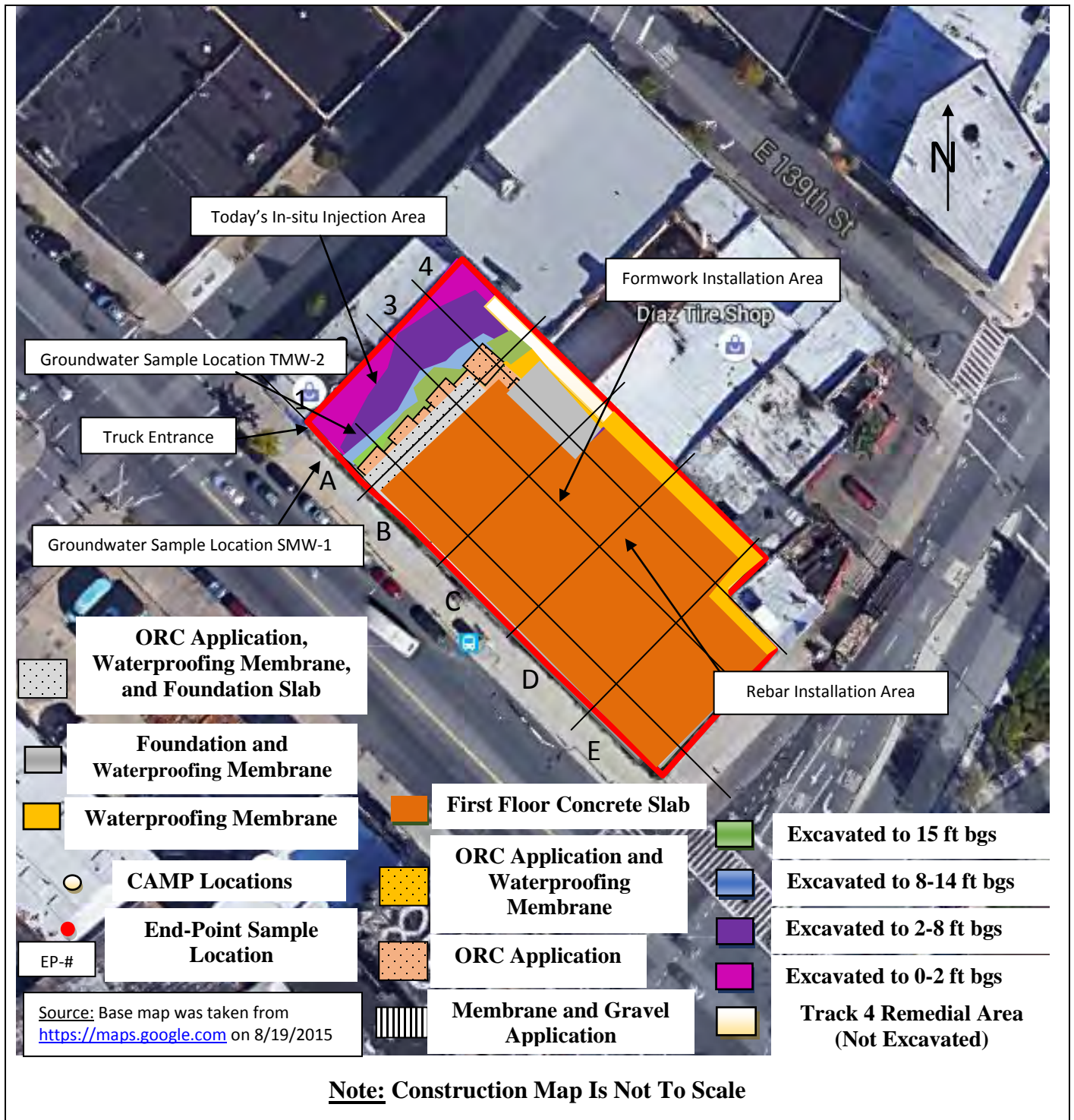
-ERFS will continue with the in-situ chemical injections along the western boundary of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	609	15,225								

\* = cubic yard totals are approximate since countersigned manifests have yet to been received

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of ERFS setting up the chemical storage and mixing platform along the western boundary of the Site, facing north.



Photo 2 –

View of ERFS installing the on-site temporary monitoring well, facing southwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of ERFS unloading the injection chemicals onto the storage platform, facing north.



Photo 4 –

View of ERFS advancing the first temporary direct-push injection point, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of ERFS  
performing the in-situ  
chemical injections,  
facing northwest.



Photo 6 –

View of the contained  
chemical storage and  
mixing area, facing  
north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 7 –

View of ERFS grouting and vacuuming a breakthrough area along the sidewall of the entrance ramp.

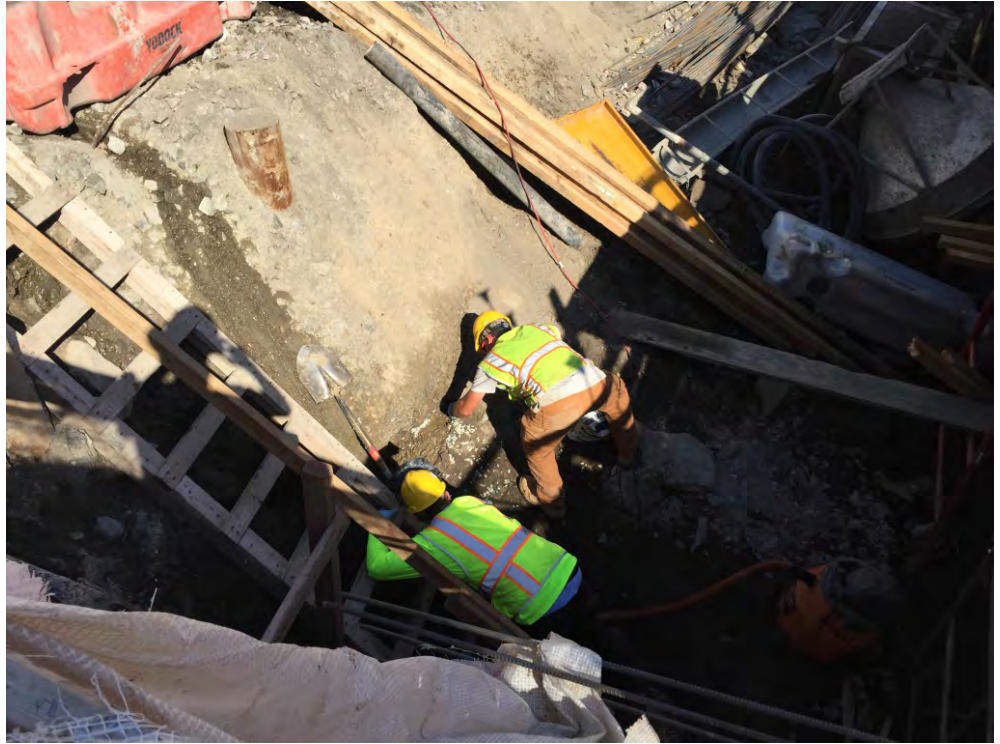


Photo 8 –

View of ERFS advancing the third direct-push injection point, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Rachael Barr

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70		70-85	X	>85	
WIND	SSW 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/19/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Rachael Barr – Environmental Scientist

## Inspector(s):

**Wang Technology**  
Paul Tapias – Inspector

## Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent & Safety Officer  
Alex Adduci – Project Manager  
Joseph – Security  
Ronmel Cimpoberde – Laborer

## Subcontractor(s):

**Scalpel Construction, Inc.**  
**Environmental Remediation and Financial Services, LLC**

Equipment on Site:

**Lettire Construction Corp.**  
CAT PC128UU Backhoe  
CAT 315 L Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer  
LANDA 3500 PSI Power Washer  
Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**  
Dewatering storage and treatment tanks

**Environmental Remediation and Financial Services, LLC**  
Geoprobe 54LT, 10 55-gallon drums of hydrogen peroxide, and mixing drums

Description of Work Performed:

-Environmental Remediation and Financial Services, LLC (ERFS) was on-site and advanced two (2) temporary direct-push points, identified as T-4 and TP-5, within the treatment area at depths ranging between 14 and 16 feet below grade surface (bgs). Additionally, ERFS installed three (3) one-inch PVC temporary injection wells identified as TP-6 through TP-8. The one-inch well screens were installed from eight (8) to 18 feet bgs and the injections were performed without pressure and used gravity to feed the reagents into the subsurface.

-A total of 335 gallons of hydrogen peroxide and 90 gallons of catalyst solution were injected into the subsurface between 14 and 18 feet bgs.

-During the injection of TP-4, breakthrough occurred at the surface adjacent to the western building foundation approximately 10 feet west of the location. ERFS immediately stopped the injection and vacuumed the silty foam that surfaced. Once the breakthrough ceased and the area was sealed, the captured material was re-used for additional injections.

-The contractor also continued to install rebar for the construction of the second floor in the northeastern and south-central portions of the Site and continued to install formwork for the second floor in the north-central portion of the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Delivered to Site:

- None.

Equipment Removed from Site:

-No equipment was removed from the Site.

Material Delivered to Site:

- Approximately 10 bags of sand, 150 feet of PVC well screen and riser, hoses and manifolds were delivered to the Site for the in-situ injections.

Material Removed From Site:

- None

Working In Grid #s: A1-4, B1-4, C1-4, D3-4, E-4.

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Thursday, October 20, 2016):

-The contractor anticipates to continue installing rebar and formwork in the northeastern and central portions of the Site.

-ERFS will continue with the in-situ chemical injections along the western boundary of the Site.

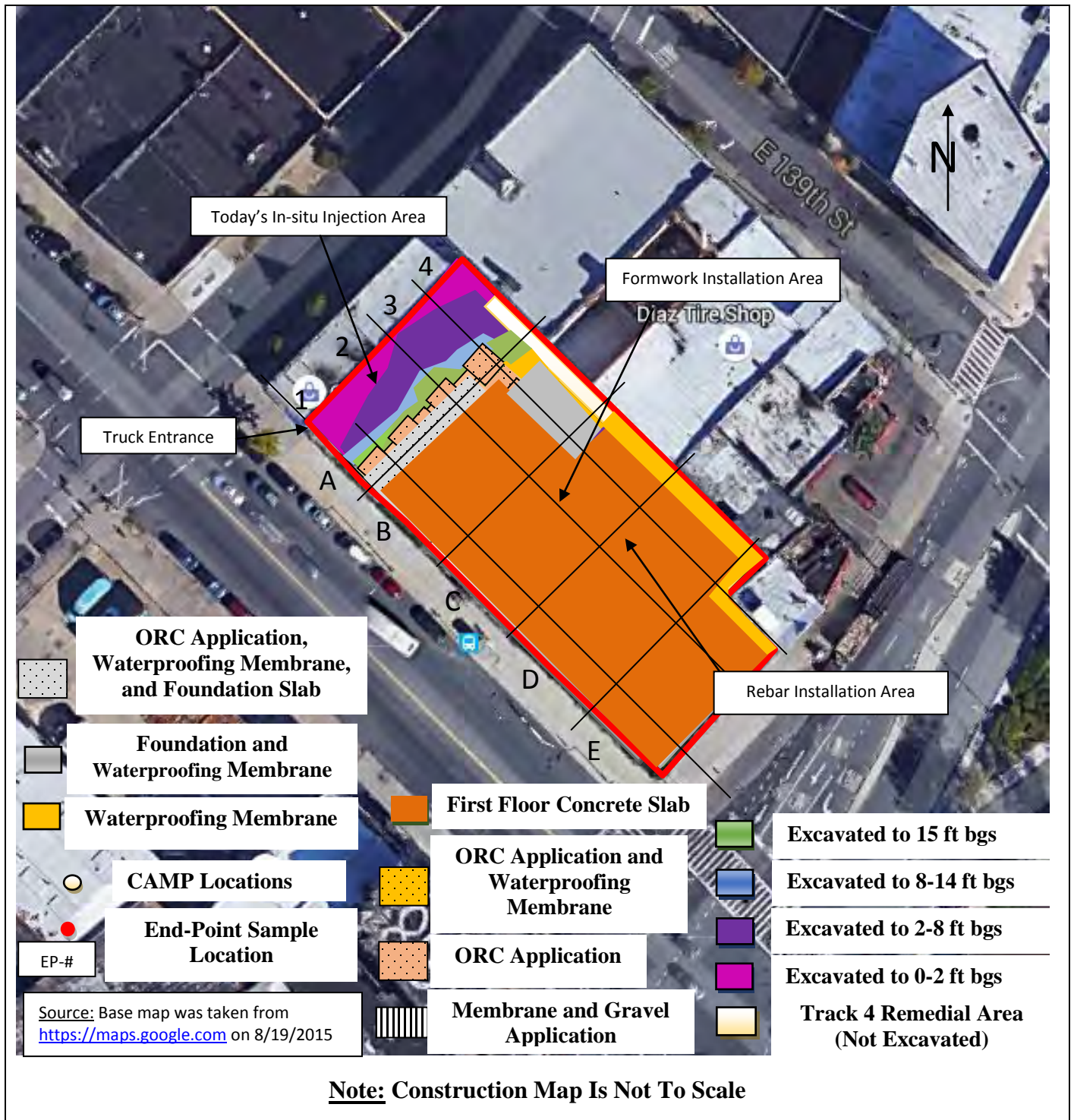
	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
	-	-								
Total	609	15,225								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of ERFS advancing the temporary direct-push injection point TP-4, facing northeast.



Photo 2 –

View of ERFS advancing an additional temporary direct-push injection point, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contained chemical storage and mixing area, facing north.



Photo 4 –

View of the surface breakthrough area along the western boundary of the site, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of ERFS advancing multiple one-inch temporary injection well points to gravity feed the reagents into the subsurface, facing northeast.



Photo 6 –

View of one (1) of the one-inch gravity feed injection wells, facing east.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Rachael Barr

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70	X	70-85		>85	
WIND	SSW 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/20/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Rachael Barr – Environmental Scientist

## Inspector(s):

**Wang Technology**  
Paul Tapias – Inspector

## Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent & Safety Officer  
Alex Adduci – Project Manager  
Joseph – Security  
Ronmel Cimpoberde – Laborer

## Subcontractor(s):

**Scalpel Construction, Inc.**  
**Environmental Remediation and Financial Services, LLC**

Equipment on Site:

**Lettire Construction Corp.**  
CAT PC128UU Backhoe  
CAT 315 L Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer  
LANDA 3500 PSI Power Washer  
Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**  
Dewatering storage and treatment tanks

**Environmental Remediation and Financial Services, LLC**  
Geoprobe 54LT, 10 55-gallon drums of hydrogen peroxide, and mixing drums

Description of Work Performed:

-Environmental Remediation and Financial Services, LLC (ERFS) was on-site and installed three (3) one-inch PVC temporary injection wells, identified as TP-9 through TP-11, within the treatment area. The one-inch well screens were installed from eight (8) to 18 feet bgs.

-A total of 505 gallons of hydrogen peroxide was injected into the subsurface through the gravity-feed injection point infrastructure. During the injection of TP-9, breakthrough occurred along the sidewall of the entrance ramp approximately 12 feet from the injection point. ERFS immediately stopped the injection and vacuumed the silty foam that surfaced. Once the breakthrough ceased and the area was sealed with grout, the captured material was re-used for additional injections.

-The contractor also continued to install rebar for the construction of the second floor in the northeastern and south-central portions of the Site and continued to install formwork for the second floor in the north-central portion of the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Delivered to Site:

- None.

Equipment Removed from Site:

-No equipment was removed from the Site.

Material Delivered to Site:

- A truck load of rebar was delivered to the site.

Material Removed From Site:

- None

Working In Grid #s: A1-4, B1-4, C1-4, D3-4, E-4.

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Thursday, October 20, 2016):

-The contractor anticipates to continue installing rebar and formwork in the northeastern and central portions of the Site.

-ERFS will continue with the in-situ chemical injections along the western boundary of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	609	15,225								

\* = cubic yard totals are approximate since countersigned manifests have yet to been received



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

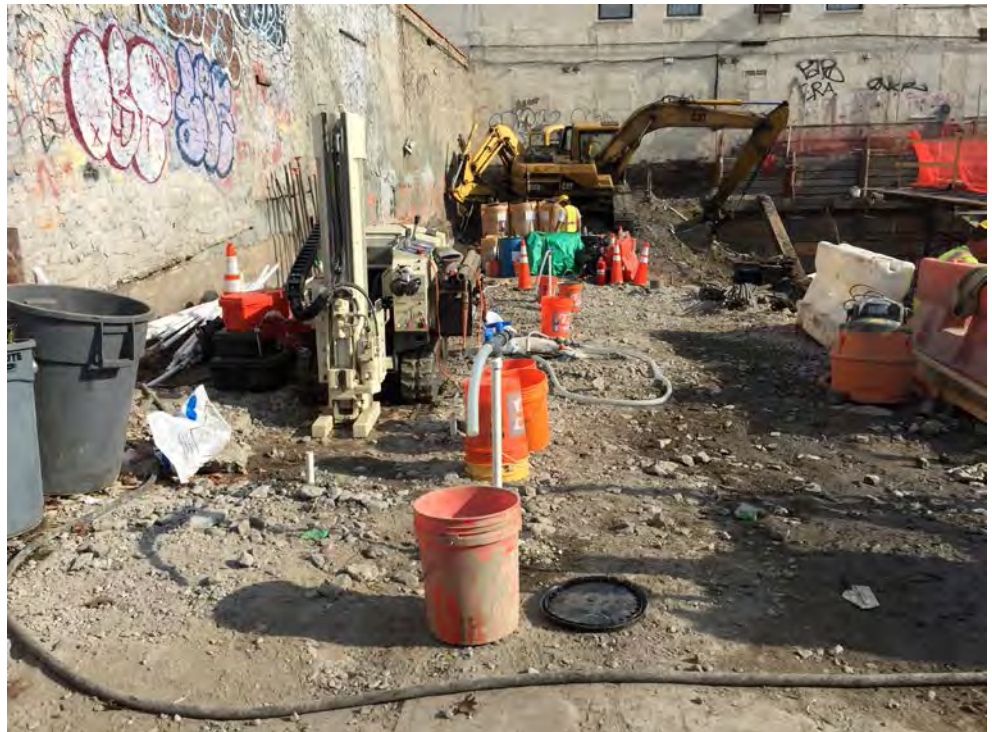
Photo 1 –

View of ERFS installing the temporary injection well point TP-9, facing northeast.



Photo 2 –

View of the TP-9 gravity-feed injection well, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of ERFS sealing the breakthrough area along the sidewall with grout.



Photo 4 –

View of the gravity-feed injection well points TP-7 and TP-8, facing northeast.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Rachael Barr

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	0 TO 32		32-50		50-70	X	70-85		>85	
WIND	SSW 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/21/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

Personnel On Site:

## Environmental Consultant:

**Brinkerhoff Environmental Services, Inc.**  
Rachael Barr – Environmental Scientist

## Inspector(s):

**Wang Technology**  
Paul Tapias – Inspector

## Contractor:

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent & Safety Officer  
Alex Adduci – Project Manager  
Joseph – Security  
Ronmel Cimpoberde – Laborer

## Subcontractor(s):

**Scalpel Construction, Inc.**  
**Environmental Remediation and Financial Services, LLC**

Equipment on Site:

**Lettire Construction Corp.**  
CAT PC128UU Backhoe  
CAT 315 L Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer  
LANDA 3500 PSI Power Washer  
Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**  
Dewatering storage and treatment tanks

**Environmental Remediation and Financial Services, LLC**  
Geoprobe 54LT, 10 55-gallon drums of hydrogen peroxide, and mixing drums

Description of Work Performed:

- Environmental Remediation and Financial Services, LLC (ERFS) was on-site and performed the chemical in-situ injections via the gravity-feed injection point infrastructure identified as TP-6 through TP-11.
- A total of 100 gallons of hydrogen peroxide was injected into the subsurface. No breakthroughs were encountered during the injections today.
- The contractor also continued to install rebar for the construction of the second floor in the northeastern and south-central portions of the Site and continued to install formwork for the second floor in the north-central portion of the Site.

Equipment Delivered to Site:

- None.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Removed from Site:

- A Geoprobe 54LT was removed from the Site.

Material Delivered to Site:

- A truck load of formwork was delivered to the site.

Material Removed From Site:

- Six (6) 55 gallon drums of hydrogen peroxide were removed from the site.

Working In Grid #s: A1-4, B1-4, C1-4, D3-4, E-4.

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Monday, October 24, 2016):

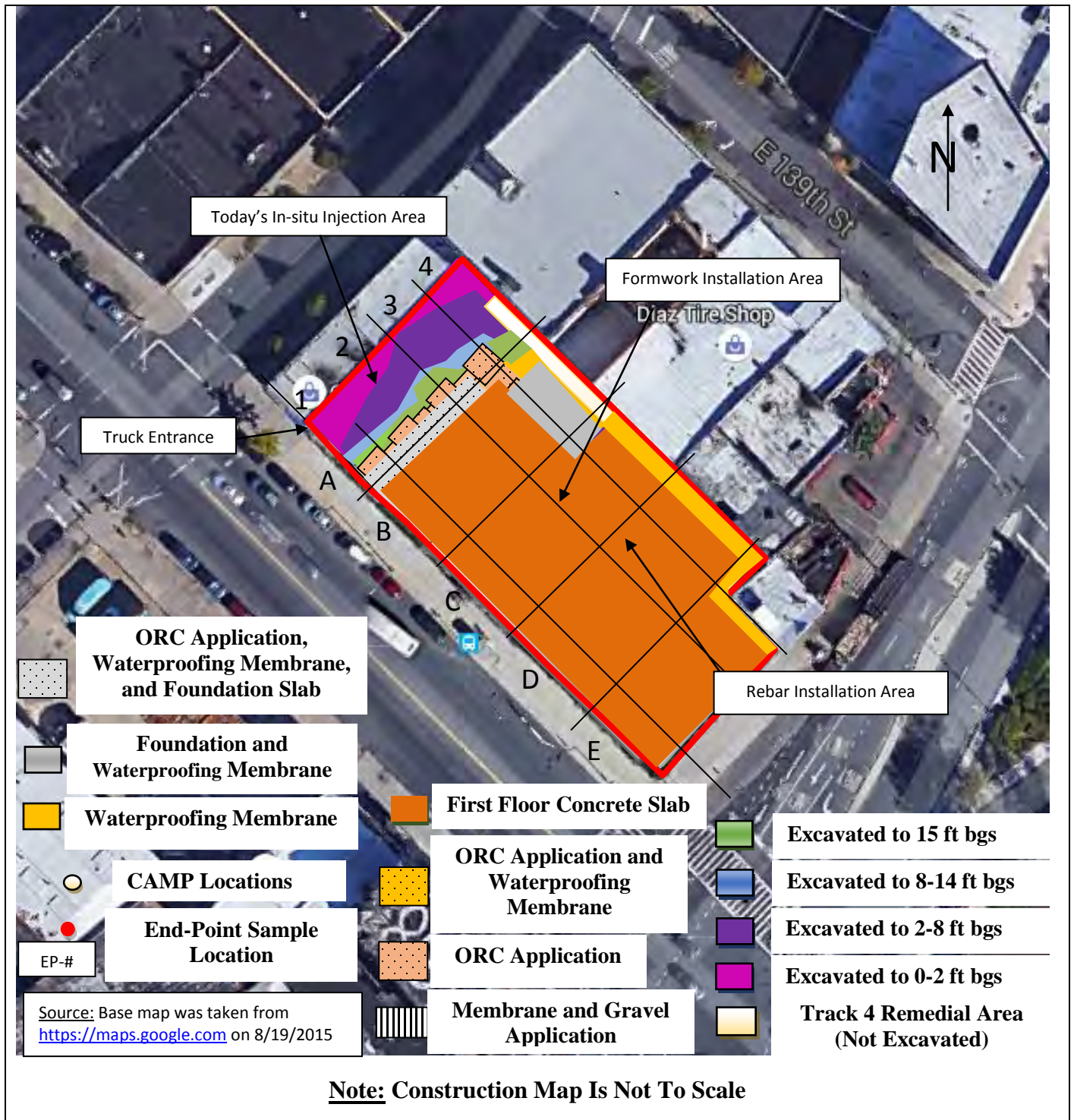
-The contractor anticipates to continue installing rebar and formwork in the northeastern and central portions of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
Today	-	-								
Total	609	15,225								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the temporary injection well infrastructure, facing northeast.



Photo 2 –

Close-up view of a temporary well point, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the hydrogen peroxide drums being removed from the site, facing west.



Photo 4 –

View of ERFS removing the temporary well points, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Rachael Barr

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50	X	50-70		70-85		>85	
WIND	SSW 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/26/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

**Personnel On Site:****Environmental Consultant:****Brinkerhoff Environmental Services, Inc.**  
Rachael Barr – Environmental Scientist**Inspector(s):****Wang Technology**  
Paul Tapias – Inspector**Contractor:****Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent & Safety Officer  
Alex Adduci – Project Manager  
Edwin – Security  
Ronmel Cimpoberde – Laborer**Subcontractor(s):****Scalpel Construction, Inc.****Equipment on Site:****Lettire Construction Corp.**  
CAT PC128UU Backhoe  
CAT 315 L Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer  
LANDA 3500 PSI Power Washer  
Bobcat Skid Steer**Groundwater Treatment and Technology, LLC**  
Dewatering storage and treatment tanks**Description of Work Performed:**

-The contractor excavated soil in the northwest portion of the site for the installation of two (2) pile caps. The contractor then cut the piles for the rebar and formwork installation. Excavated soil was placed along the western boundary of the site.

-The contractor also continued to install rebar for the construction of the second floor in the northeastern and north-central portions of the Site.

**Equipment Delivered to Site:**

- None.

**Equipment Removed from Site:**

- None.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

- None.

Material Removed From Site:

- Three (3) oxygen tanks were removed from the site.

Working In Grid #s: A1-4, B1-4, C1-4, D3-4, E-4.

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Thursday, October 27, 2016):

-The contractor anticipates to continue excavating for the installation of pile caps along the western portion of the site.  
 -The contractor anticipates to continue installing rebar in the northeastern and central portions of the Site.

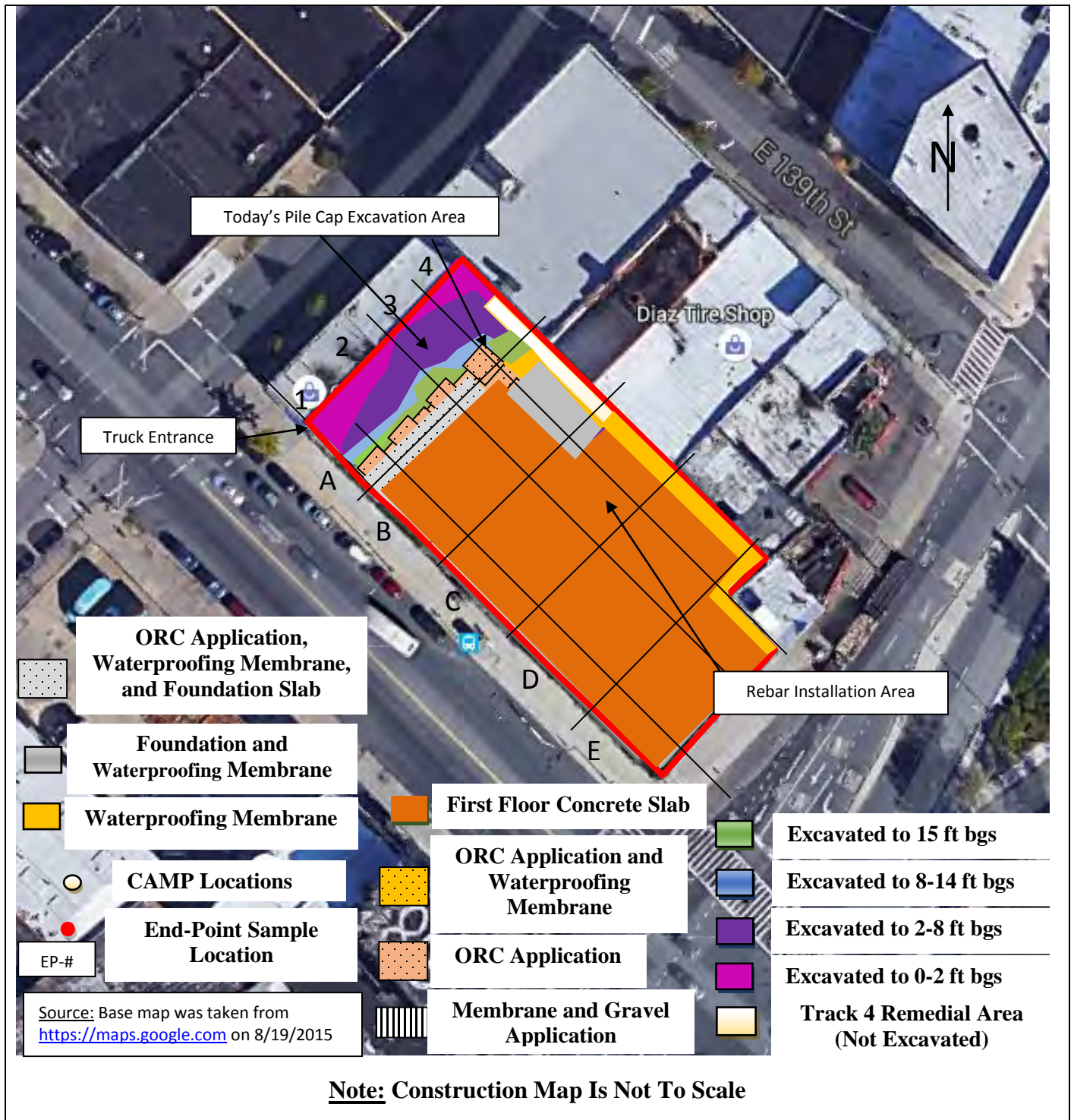
	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	609	15,225								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT

Construction Map Sketch



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

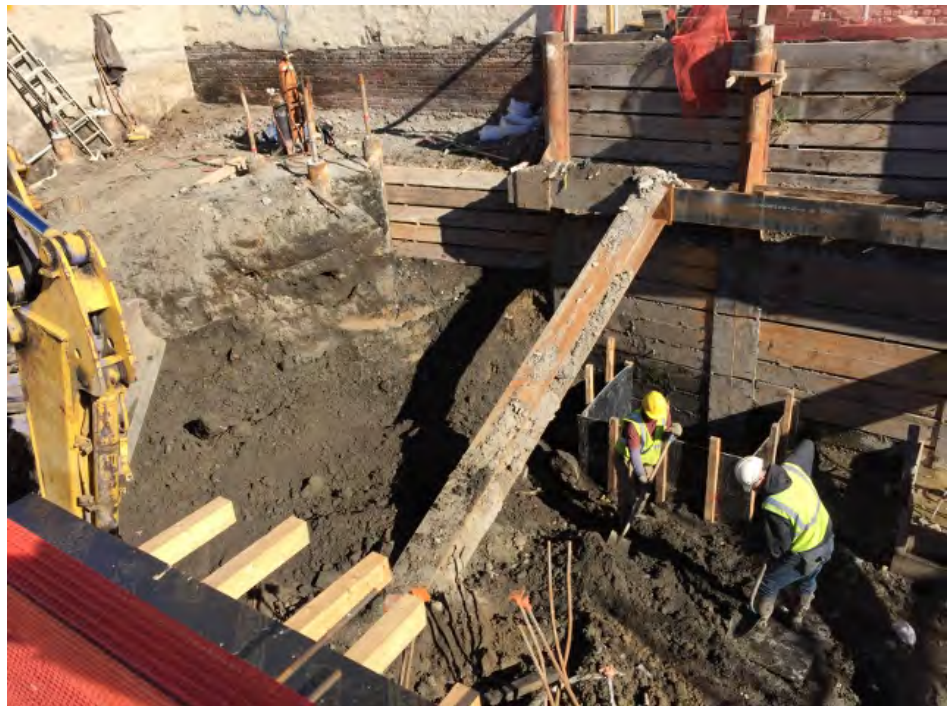
Photo 1 –

View of the contractor excavating for a pile cap along the northern boundary of the site, facing north.



Photo 2 –

View of the contractor preparing the pile cap for concrete installation, facing north.





## DAILY FIELD ACTIVITY REPORT

Photo 3 –

View of the contractor welding the piles, facing southwest.



Photo 4 –

View of the pile cap excavation, facing northwest.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Rachael Barr

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain	X	Overcast		Partly Cloudy		Bright Sun	
TEMP.	0 TO 32		32-50		50-70	X	70-85		>85	
WIND	SSW 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/27/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

**Personnel On Site:****Environmental Consultant:****Brinkerhoff Environmental Services, Inc.**  
Rachael Barr – Environmental Scientist**Inspector(s):****Wang Technology**  
Paul Tapias – Inspector**Contractor:****Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent & Safety Officer  
Alex Adduci – Project Manager  
Edwin – Security  
Ronmel Cimpoberde – Laborer**Subcontractor(s):****Scalpel Construction, Inc.****Equipment on Site:****Lettire Construction Corp.**  
CAT PC128UU Backhoe  
CAT 315 L Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer  
LANDA 3500 PSI Power Washer  
Bobcat Skid Steer**Groundwater Treatment and Technology, LLC**  
Dewatering storage and treatment tanks**Description of Work Performed:**

- The contractor excavated in the northwest and western portions of the site and removed three (3) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.
- The contractor continued dewatering operations within the areas of excavation.
- The contractor installed the second floor in the northeastern and north-central portions of the Site.
- The contractor poured concrete for the northeastern wall and columns located on the second floor of the superstructure.

**Equipment Delivered to Site:**

- A concrete pump truck was delivered to the site.

**Equipment Removed from Site:**

- None.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

- A truck load of rebar was delivered to the site.

Material Removed From Site:

- None.

Working In Grid #s: A1-4, B1-4, C1-4, D3-4, E-4.

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed from 07:09 to 07:44 and there were no VOC or PM-10 exceedances; however, air monitoring was not performed for the remainder of the day due to inclement weather (i.e. rain).

Problems Encountered:

-None.

Description of Upcoming Work Activities (Friday, October 28, 2016):

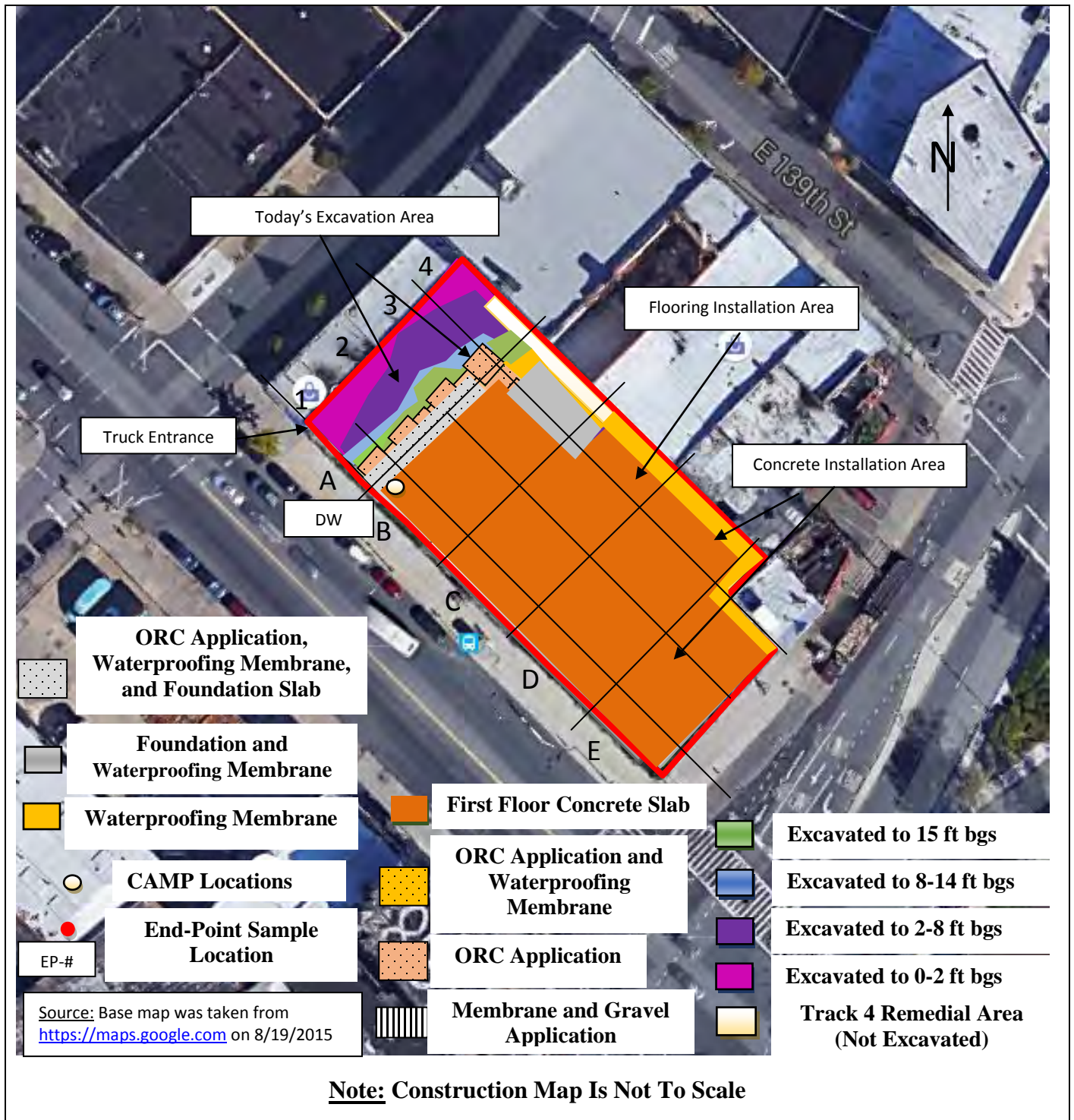
-The contractor anticipates to excavate and directly load three (3) truckloads of soil for off-site disposal at Clean Earth of Carteret located in Carteret, New Jersey.  
- The contractor anticipates to continue excavating for the installation of pile caps along the western portion of the site.  
-The contractor anticipates to continue installing rebar in the northeastern and central portions of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	3	75								
Total	609	15,300								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor directly loading soil for off-site disposal, facing west.



Photo 2 –

View of the contractor pouring concrete for the second floor, facing southeast.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor dewatering the pile cap area, facing southwest.



Photo 4 –

View of the contractor excavating along the western boundary of the site, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	0 TO 32		32-50	X	50-70		70-85		>85	
WIND	SW 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/28/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

**Personnel On Site:****Environmental Consultant:****Brinkerhoff Environmental Services, Inc.**  
Jonathan Kraus – Environmental Scientist**Inspector(s):****Wang Technology**  
Paul Tapias – Inspector**Contractor:****Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent & Safety Officer  
Alex Adduci – Project Manager  
Edwin – Security  
Ronmel Cimpoberde – Laborer**Subcontractor(s):****Scalpel Construction, Inc.****Equipment on Site:****Lettire Construction Corp.**  
CAT PC128UU Backhoe  
CAT 315 L Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer  
LANDA 3500 PSI Power Washer  
Bobcat Skid Steer**Groundwater Treatment and Technology, LLC**  
Dewatering storage and treatment tanks**Description of Work Performed:**

- The contractor excavated in the northwest portion of the site to approximately 15 feet below grade surface (bgs) and removed three (3) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.
- The contractor excavated in the northwest portion of the site to approximately 18 feet bgs for the installation of one (1) pile cap.
- The contractor continued dewatering operations within the areas of excavation.
- The contractor continued the installation of the superstructure in the central and eastern portions of the site.

**Equipment Delivered to Site:**

- None.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Removed from Site:

- None.

Material Delivered to Site:

- None.

Material Removed From Site:

-The contractor excavated and removed three (3) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.

Working In Grid #s: A1-4, B1-4, C1-4, D3-4, E-4.

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Monday, October 31, 2016):

- The contractor anticipates to continue excavation for the installation of pile caps in the western portion of the site.  
 -The contractor anticipates to continue installation of the superstructure in the central and eastern portions of the site.

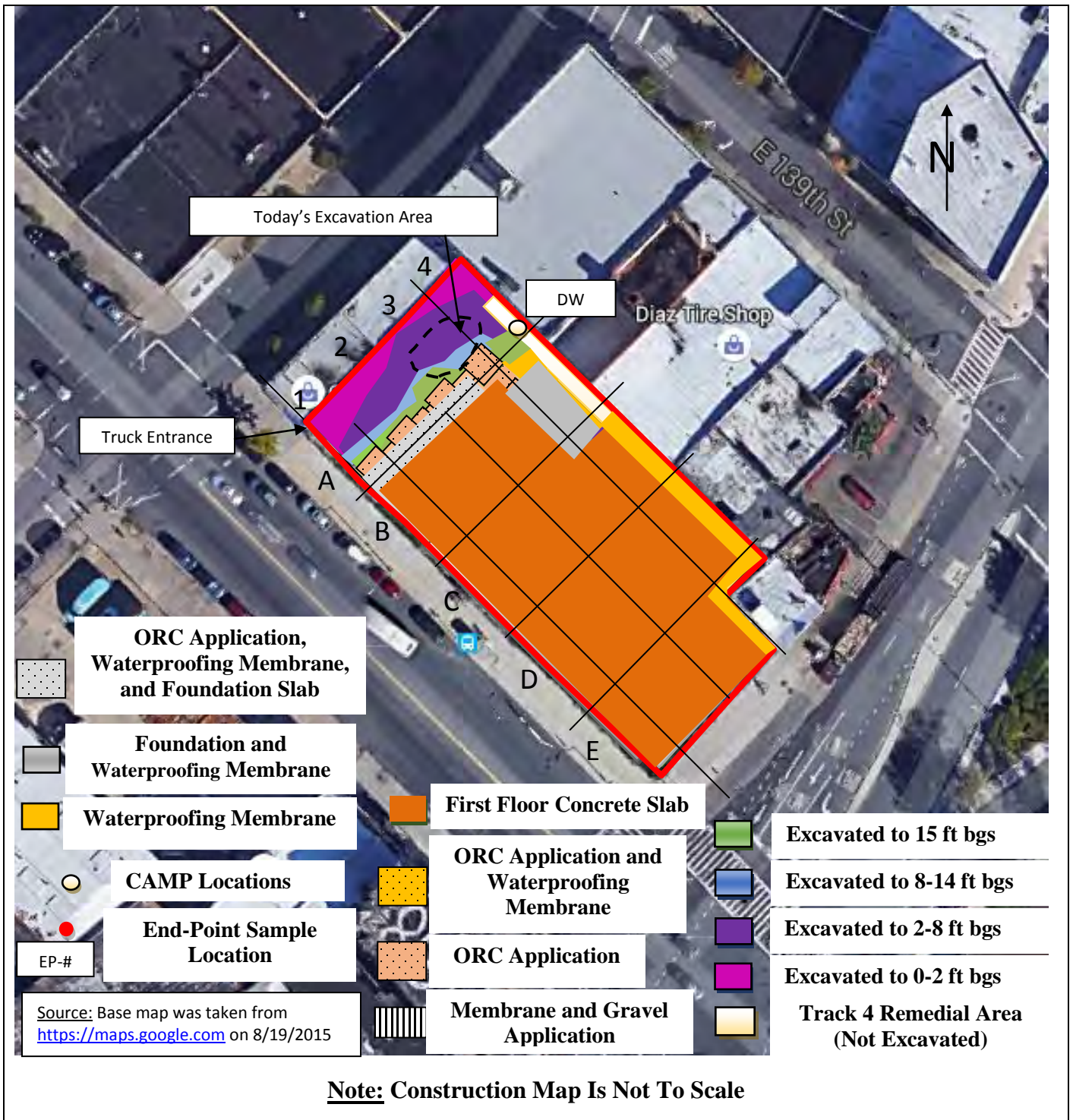
	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	3	75								
Total	612	15,300								

\* = cubic yard totals are approximate since countersigned manifests have yet to been received



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Construction Map Sketch**



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating in the northwestern portion of the site, facing west.



Photo 2 –

View of the contractor directly loading soil for off-site disposal, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor excavating for the installation of a pile cap, facing west.



Photo 4 –

View of the clean site entrance/exit, facing east.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Jonathan Kraus

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	0 TO 32		32-50	X	50-70		70-85		>85	
WIND	SW 5-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/31/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

**Personnel On Site:****Environmental Consultant:****Brinkerhoff Environmental Services, Inc.**  
Jonathan Kraus – Environmental Scientist**Inspector(s):****Wang Technology**  
Paul Tapias – Inspector**Contractor:****Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent & Safety Officer  
Alex Adduci – Project Manager  
Edwin – Security  
Ronmel Cimpoberde – Laborer**Subcontractor(s):****Scalpel Construction, Inc.****Equipment on Site:****Lettire Construction Corp.**  
CAT PC128UU Backhoe  
CAT 315 L Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer  
LANDA 3500 PSI Power Washer  
Bobcat Skid Steer**Groundwater Treatment and Technology, LLC**  
Dewatering storage and treatment tanks**Description of Work Performed:**

- The contractor excavated in the western portion of the site to approximately 15 feet below grade surface (bgs) and removed five (5) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.
- The contractor continued dewatering operations within the areas of excavation.
- The contractor continued the installation of the superstructure in the central and eastern portions of the site.

**Equipment Delivered to Site:**

- None.

**Equipment Removed from Site:**

- None.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

- None.

Material Removed From Site:

-The contractor excavated and removed five (5) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.

Working In Grid #s: A1-4, B1-4, C1-4, D3-4, E-4.

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tuesday, November 1, 2016):

- The contractor anticipates to continue excavation and removal of soil to the Clean Earth of Carteret Facility located in Carteret, New Jersey.  
 -The contractor anticipates to continue installation of the superstructure in the central and eastern portions of the site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
	5	125								
Total	617	15,425								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating in the northwestern portion of the site, facing west.



Photo 2 –

View of the contractor directly loading soil for off-site disposal, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor working on the superstructure in the central and eastern portions of the site, facing southeast.



Photo 4 –

Additional view of the contractor excavating in the northwestern portion of the site, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Rachael Barr

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50	X	50-70		70-85		>85	
WIND	SW 5-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	11/1/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

**Personnel On Site:****Environmental Consultant:****Brinkerhoff Environmental Services, Inc.**  
Rachael Barr – Environmental Scientist**Inspector(s):****Wang Technology**  
Johnathan – Inspector**Contractor:****Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent & Safety Officer  
Alex Adduci – Project Manager  
Edwin – Security  
Ronmel Cimpoberde – Laborer**Subcontractor(s):****Scalpel Construction, Inc.****Equipment on Site:****Lettire Construction Corp.**  
CAT PC128UU Backhoe  
CAT 315 L Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer  
LANDA 3500 PSI Power Washer  
Bobcat Skid Steer**Groundwater Treatment and Technology, LLC**  
Dewatering storage and treatment tanks**Description of Work Performed:**

- The contractor excavated in the western portion of the site to approximately 15 feet below grade surface (bgs) and removed three (3) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.
- The contractor welded piles in the western portion of the site for installation of a pile cap.
- The contractor continued dewatering operations within the areas of excavation.
- The contractor continued the installation of the superstructure in the central and eastern portions of the site.

**Equipment Delivered to Site:**

- None.

**Equipment Removed from Site:**

- None.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

- None.

Material Removed From Site:

-The contractor excavated and removed three (3) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.

Working In Grid #s: A1-4, B1-4, C1-4, D3-4, E-4.

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Wednesday, November 2, 2016):

- Brinkerhoff will collect a groundwater sample from SMW-1 and will submit to the laboratory for Target Compound List (TCL) Volatile Organic Compounds (VOCs).
- The contractor anticipates to grade the ramp area along the western boundary of the site.
- The contractor anticipates to continue installation of the superstructure in the central and eastern portions of the site.

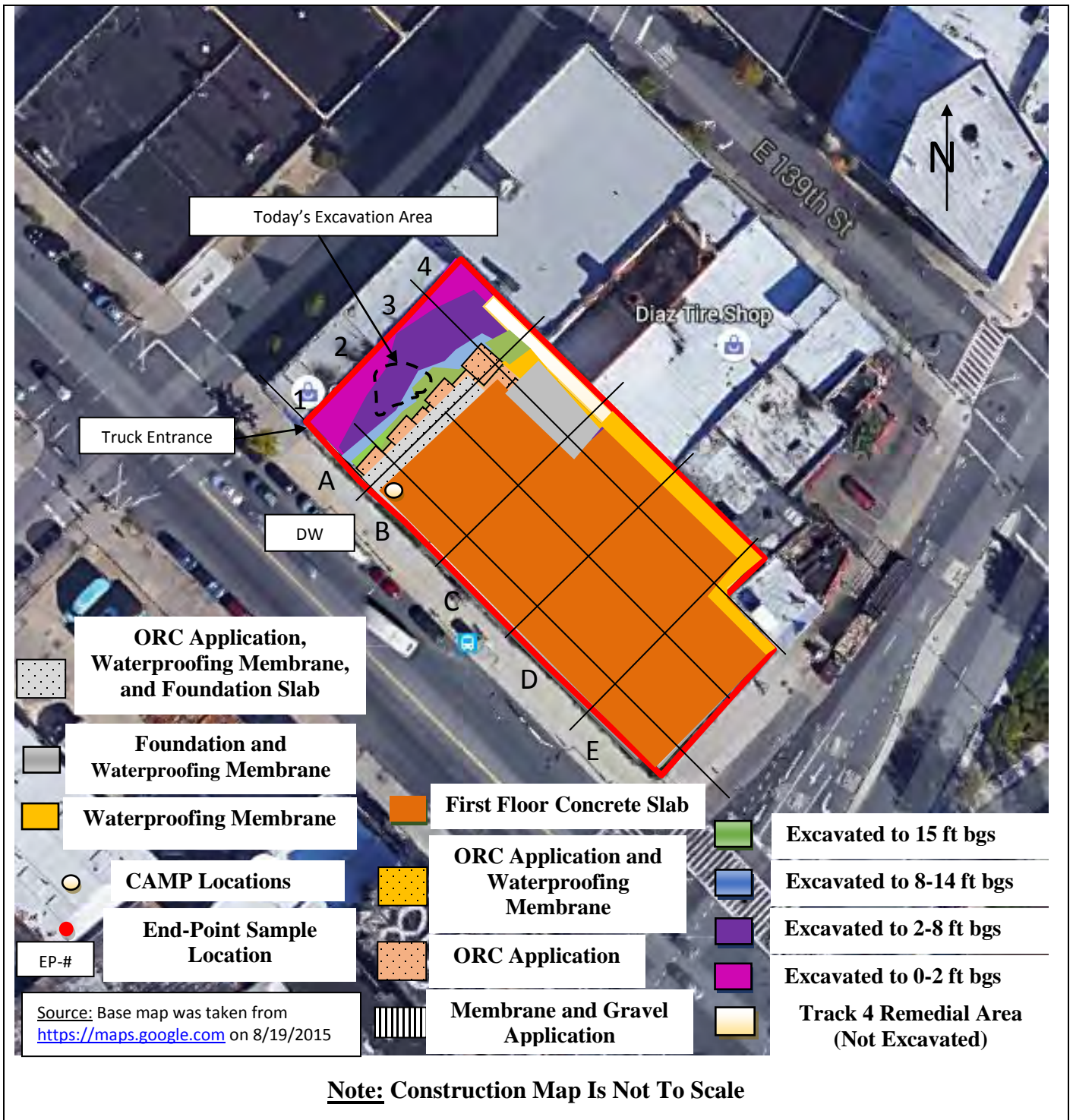
	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
	3	75								
Total	620	15,500								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Construction Map Sketch**



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor excavating in the western portion of the site, facing northeast.



Photo 2 –

View of the contractor directly loading soil for off-site disposal, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor working on the superstructure in the central and eastern portions of the site, facing south.



Photo 4 –

View of the contractor installing a pile cap in the western portion of the site, facing east.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70	X	70-85		>85	
WIND	SW 5-10 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	11/02/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

**Personnel On Site:****Environmental Consultant:**

**Brinkerhoff Environmental Services, Inc.**  
Rachael Barr – Environmental Scientist  
Monica Norton – Geologist

**Inspector(s):**

**Wang Technology**  
Johnathan – Inspector

**Contractor:**

**Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent & Safety Officer  
Alex Adduci – Project Manager  
Edwin – Security  
Ronmel Cimpoberde – Laborer

**Subcontractor(s):**

**Scalpel Construction, Inc.**

**Equipment on Site:****Lettire Construction Corp.**

CAT PC128UU Backhoe  
CAT 315 L Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer  
LANDA 3500 PSI Power Washer  
Bobcat Skid Steer

**Groundwater Treatment and Technology, LLC**

Dewatering storage and treatment tanks

**Description of Work Performed:**

- Brinkerhoff collected one (1) post-injection groundwater sample from the permanent off-Site monitoring well, SMW-1.
- The contractor excavated in the ramp area along the western boundary of the Site between zero (0) and 10 feet bgs and removed two (2) truck-loads of soil off-Site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.
- The contractor cut piles in the western portion of the Site.
- The contractor continued dewatering operations within the areas of excavation.
- The contractor continued the installation of the superstructure in the central and eastern portions of the site.

**Equipment Delivered to Site:**

- None.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Equipment Removed from Site:

- None.

Material Delivered to Site:

- None.

Material Removed From Site:

- The contractor excavated and removed two (2) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.

Working In Grid #s: A1-4, B1-4, C1-4, D3-4, E-4.

Samples Collected:

- One (1) post-injection groundwater sample, identified as SMW-1, was collected and submitted to the laboratory for analysis of Total Compound List (TCL) Volatile Organic Compounds (VOCs). Reference the Construction Map below for the sample location.

Community Air Monitoring Plan (CAMP):

- Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

- None.

Description of Upcoming Work Activities (Thursday, November 3, 2016):

- The contractor anticipates to continue excavating for the ramp and pile cap installation along the western boundary of the Site.  
 - The contractor plans to remove four (4) truck-loads of soil off-Site to the Clean Earth of Carteret Facility, located in Carteret, New Jersey.  
 - The contractor anticipates to continue installation of the superstructure in the central and eastern portions of the site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
	2	50								
Total	622	15,550								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the post-injection groundwater sampling set-up at the off-Site monitoring well SMW-1.



Photo 2 –

View of the contractor excavating for the ramp along the western boundary of the Site, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor directly loading soil for off-Site disposal, facing northwest.



Photo 4 –

View of the ramp excavation area, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the  
superstructure  
construction in the  
eastern and central  
portions of the Site,  
facing south.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Rachael Barr

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	0 TO 32		32-50	X	50-70		70-85		>85	
WIND	SW 5-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	11/3/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

**Personnel On Site:****Environmental Consultant:****Brinkerhoff Environmental Services, Inc.**  
Rachael Barr – Environmental Scientist**Inspector(s):****Wang Technology**  
Johnathan – Inspector**Contractor:****Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent & Safety Officer  
Alex Adduci – Project Manager  
Edwin – Security  
Ronmel Cimpoberde – Laborer**Subcontractor(s):****Scalpel Construction, Inc.****Equipment on Site:****Lettire Construction Corp.**  
CAT PC128UU Backhoe  
CAT 315 L Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer  
LANDA 3500 PSI Power Washer  
Bobcat Skid Steer**Groundwater Treatment and Technology, LLC**  
Dewatering storage and treatment tanks**Description of Work Performed:**

- The contractor excavated in the western portion of the site and removed six (6) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.
- The contractor continued dewatering operations within the areas of excavation.
- The contractor continued the installation of the superstructure in the central and eastern portions of the site.

**Equipment Delivered to Site:**

- None.

**Equipment Removed from Site:**

- None.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

- A truck load of rebar was delivered to the site.

Material Removed From Site:

-The contractor excavated and removed six (6) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.

Working In Grid #s: A1-4, B1-4, C1-4, D3-4, E-4.

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Monday, November 7, 2016):

- The contractor anticipates to grade the ramp area along the western boundary of the site.  
 -The contractor anticipates to continue installation of the superstructure in the central and eastern portions of the site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	6	150								
Total	626	15,650								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the installed pile caps along the western portion of the site, facing northeast.



Photo 2 –

View of the contractor directly loading soil for off-site disposal, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor excavating along the western portion of the site, facing west.



Photo 4 –

View of the superstructure, facing south.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Rachael Barr

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50	X	50-70		70-85		>85	
WIND	SW 5-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	11/7/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

**Personnel On Site:****Environmental Consultant:****Brinkerhoff Environmental Services, Inc.**  
Rachael Barr – Environmental Scientist**Inspector(s):****Wang Technology**  
Johnathan – Inspector**Contractor:****Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent & Safety Officer  
Alex Adduci – Project Manager  
Edwin – Security  
Ronmel Cimpoberde – Laborer**Subcontractor(s):****Scalpel Construction, Inc.****Equipment on Site:****Lettire Construction Corp.**  
CAT PC128UU Backhoe  
CAT 315 L Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer  
LANDA 3500 PSI Power Washer  
Bobcat Skid Steer**Groundwater Treatment and Technology, LLC**  
Dewatering storage and treatment tanks**Description of Work Performed:**

- The contractor excavated in the western portion of the site and removed four (4) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.
- The contractor welded piles in the southwest area of the site.
- The contractor prepared the southern wall for lagging installation.
- The contractor continued dewatering operations within the areas of excavation.
- The contractor continued the installation of the superstructure in the central and eastern portions of the site.

**Equipment Delivered to Site:**

- None.

**Equipment Removed from Site:**

- None.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Material Delivered to Site:

- A truck load of lumber was delivered to the site.
- A truck load of scaffolding was delivered to the site.

Material Removed From Site:

- The contractor excavated and removed four (4) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.

Working In Grid #s: A1-4, B1-4, C1-4, D3-4, E-4.

Samples Collected:

- One (1) base endpoint sample, identified as EP-32, and one (1) sidewall endpoint sample, identified as EP-33, was collected and submitted to the laboratory for analysis of Target Compound List (TCL) and Target Analyte List (TAL) parameters and Hexavalent and Trivalent Chromium. Reference the construction map below for the approximate sample location.

Community Air Monitoring Plan (CAMP):

- Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

- None.

Description of Upcoming Work Activities (Tuesday, November 8, 2016):

- The contractor anticipates to install lagging along the southwest boundary wall.
- The contractor anticipates to pour concrete for the pile cap in the southwestern area of the site.
- The contractor anticipates to continue installation of the superstructure in the central and eastern portions of the site.

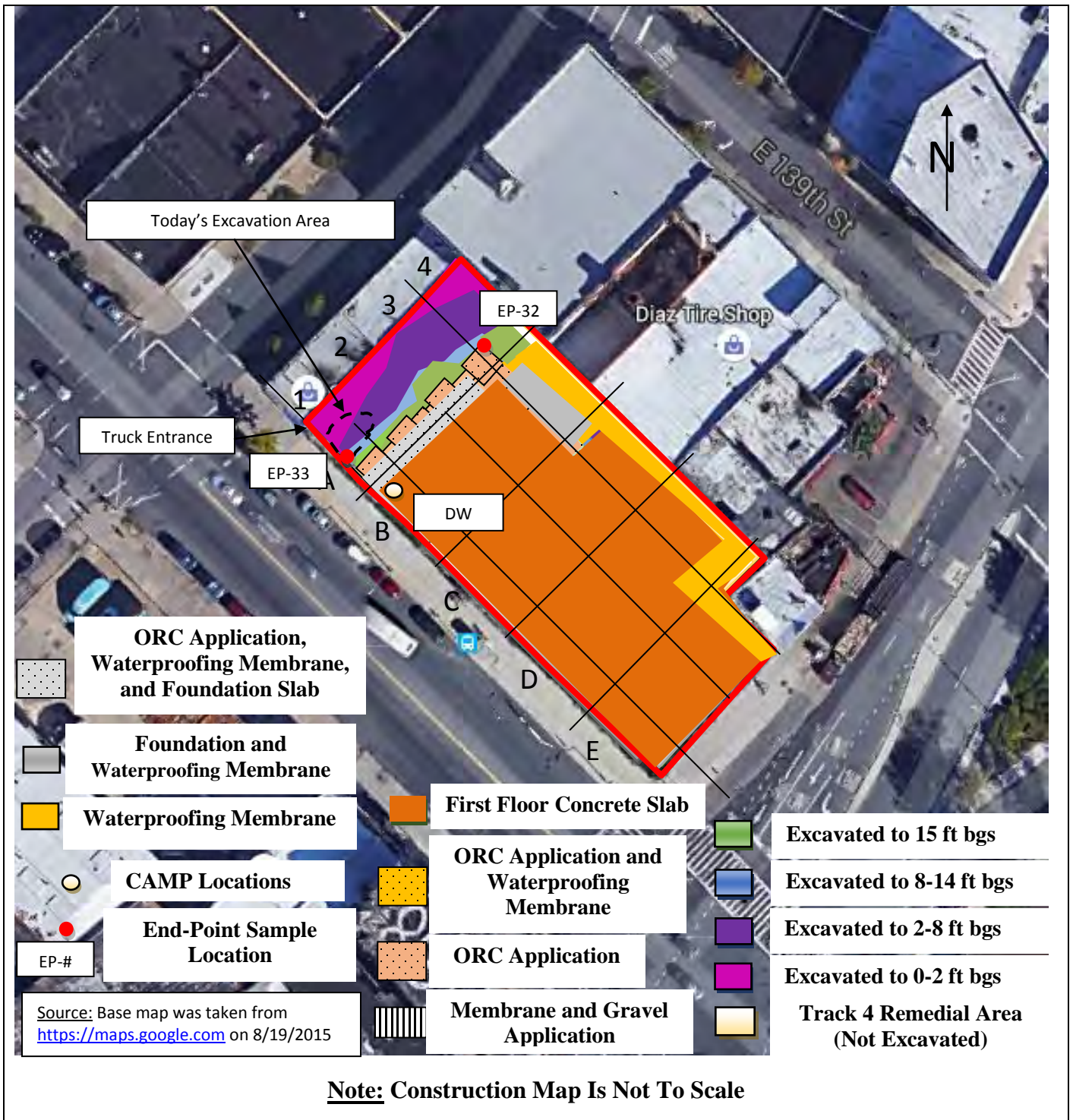
	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
Today	4	100								
Total	630	15,750								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Construction Map Sketch**



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the excavated area along the western portion of the site, facing west.



Photo 2 –

View of the contractor preparing the south wall for lagging installation, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor welding piles along the southern boundary of the site.



Photo 4 –

View of the superstructure, facing northeast.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Rachael Barr

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain	x	Overcast		Partly Cloudy		Bright Sun	
TEMP.	0 TO 32		32-50	X	50-70		70-85		>85	
WIND	SW 5-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	11/9/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

**Personnel On Site:****Environmental Consultant:****Brinkerhoff Environmental Services, Inc.**  
Rachael Barr – Environmental Scientist**Inspector(s):****Wang Technology**  
Paul – Inspector**Contractor:****Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent & Safety Officer  
Alex Adduci – Project Manager  
Edwin – Security  
Ronmel Cimpoberde – Laborer**Subcontractor(s):****Scalpel Construction, Inc.****Equipment on Site:****Lettire Construction Corp.**  
CAT PC128UU Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer  
LANDA 3500 PSI Power Washer  
Bobcat Skid Steer**Groundwater Treatment and Technology, LLC**  
Dewatering storage and treatment tanks**Description of Work Performed:**

- The contractor prepared the mud-slab in the northwest corner of the site for the installation of the Preprufe 300R waterproofing membrane.
- The contractor continued dewatering operations within the areas of excavation.
- The contractor continued the installation of the superstructure in the central and eastern portions of the site.

**Equipment Delivered to Site:**

- None.

**Equipment Removed from Site:**

- The CAT 315 L Backhoe was removed from the site.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

- None.

Material Removed From Site:

-None.

Working In Grid #s: A1-4, B1-4, C1-4, D3-4, E-4.

Samples Collected:

- None.

Community Air Monitoring Plan (CAMP):

-Air monitoring was not performed due to inclement weather (i.e. rain).

Problems Encountered:

-None.

Description of Upcoming Work Activities (Thursday, November 10, 2016):

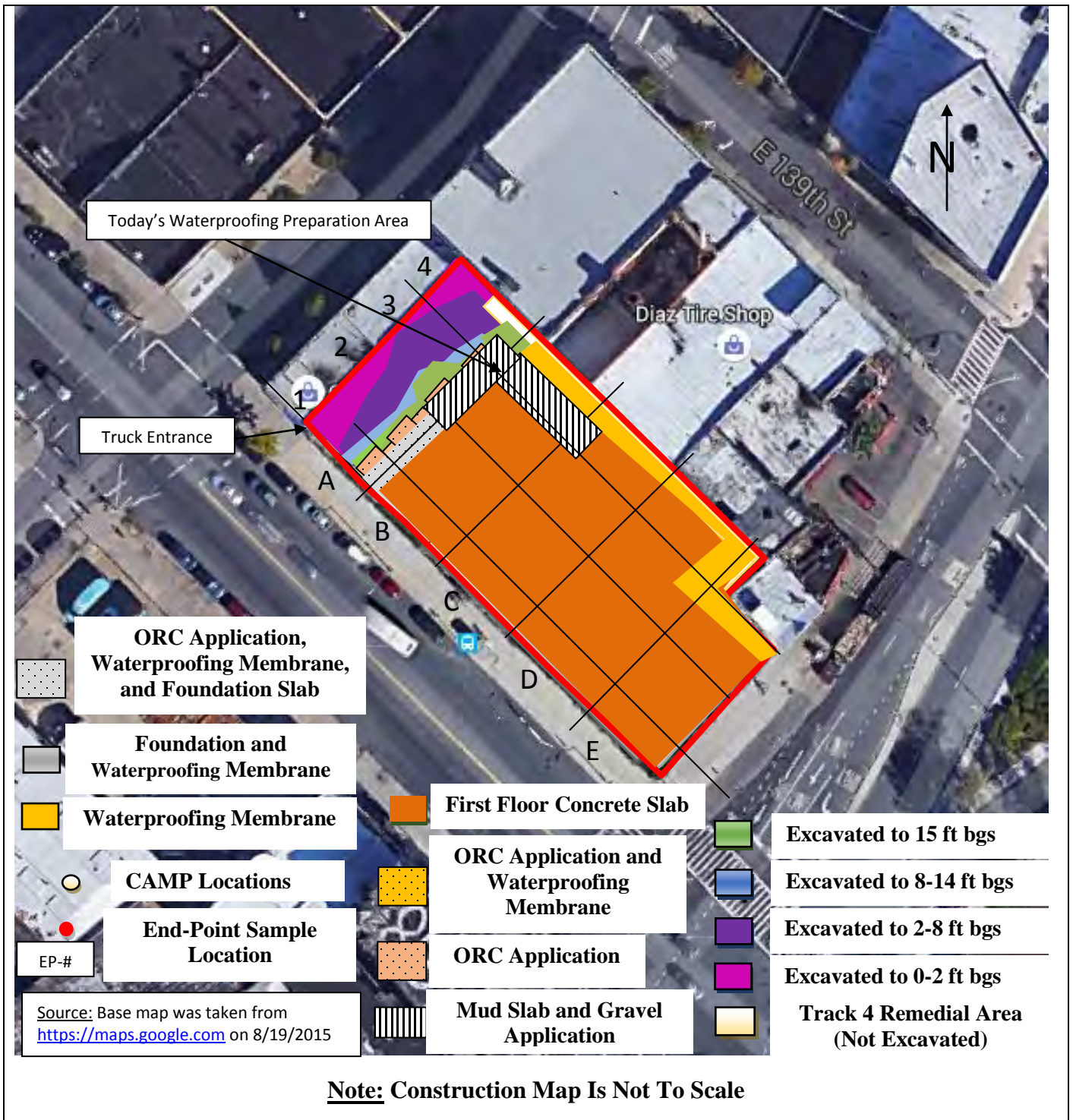
- The contractor anticipates to excavate in the western portion of the site for a pile cap.
- The contractor anticipates to install the Preprufe 300R waterproofing membrane along the northwestern portion of the site.
- The contractor anticipates to continue installation of the superstructure in the central and eastern portions of the site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Total	630	15,750								

\* = cubic yard totals are approximate since countersigned manifests have yet to been received

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the excavated area along the western portion of the site, facing west.



Photo 2 –

View of the contractor preparing the mud-slab for the installation of the Preprufe 300R waterproofing membrane, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the  
superstructure, facing  
northeast.



Photo 4 –

View of the western  
portion of the site, facing  
northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Rachael Barr

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50	X	50-70		70-85		>85	
WIND	SW 5-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	11/10/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

**Personnel On Site:****Environmental Consultant:****Brinkerhoff Environmental Services, Inc.**  
Rachael Barr – Environmental Scientist**Inspector(s):****Wang Technology**  
Paul – Inspector**Contractor:****Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent & Safety Officer  
Alex Adduci – Project Manager  
Edwin – Security  
Ronmel Cimpoberde – Laborer**Subcontractor(s):****Scalpel Construction, Inc.****Equipment on Site:****Lettire Construction Corp.**  
CAT PC128UU Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer  
LANDA 3500 PSI Power Washer  
Bobcat Skid Steer**Groundwater Treatment and Technology, LLC**  
Dewatering storage and treatment tanks**Description of Work Performed:**

- The contractor excavated in the western portion of the site to 15 feet below ground surface (bgs) for installation of a pile cap.
- The contractor welded piles in the western portion of the site.
- The contractor installed formwork around the southwest portion of the ramp area in preparation for the Preprufe 300R waterproofing membrane.
- The contractor continued dewatering operations within the areas of excavation.
- The contractor continued the installation of the superstructure in the central and eastern portions of the site.

**Equipment Delivered to Site:**

- A roll off dumpster was delivered to the site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

Equipment Removed from Site:

- None.

Material Delivered to Site:

-None.

Material Removed From Site:

-None.

Working In Grid #s: A1-4, B1-4, C1-4, D3-4, E-4.

Samples Collected:

- None.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Friday, November 11, 2016):

- The contractor anticipates to install the Preprufe 300R waterproofing membrane along the northwest portion of the site.
- The contractor anticipates to pour concrete for the pile cap in the southwestern area of the site.
- The contractor anticipates to continue installation of the superstructure in the central and eastern portions of the site.

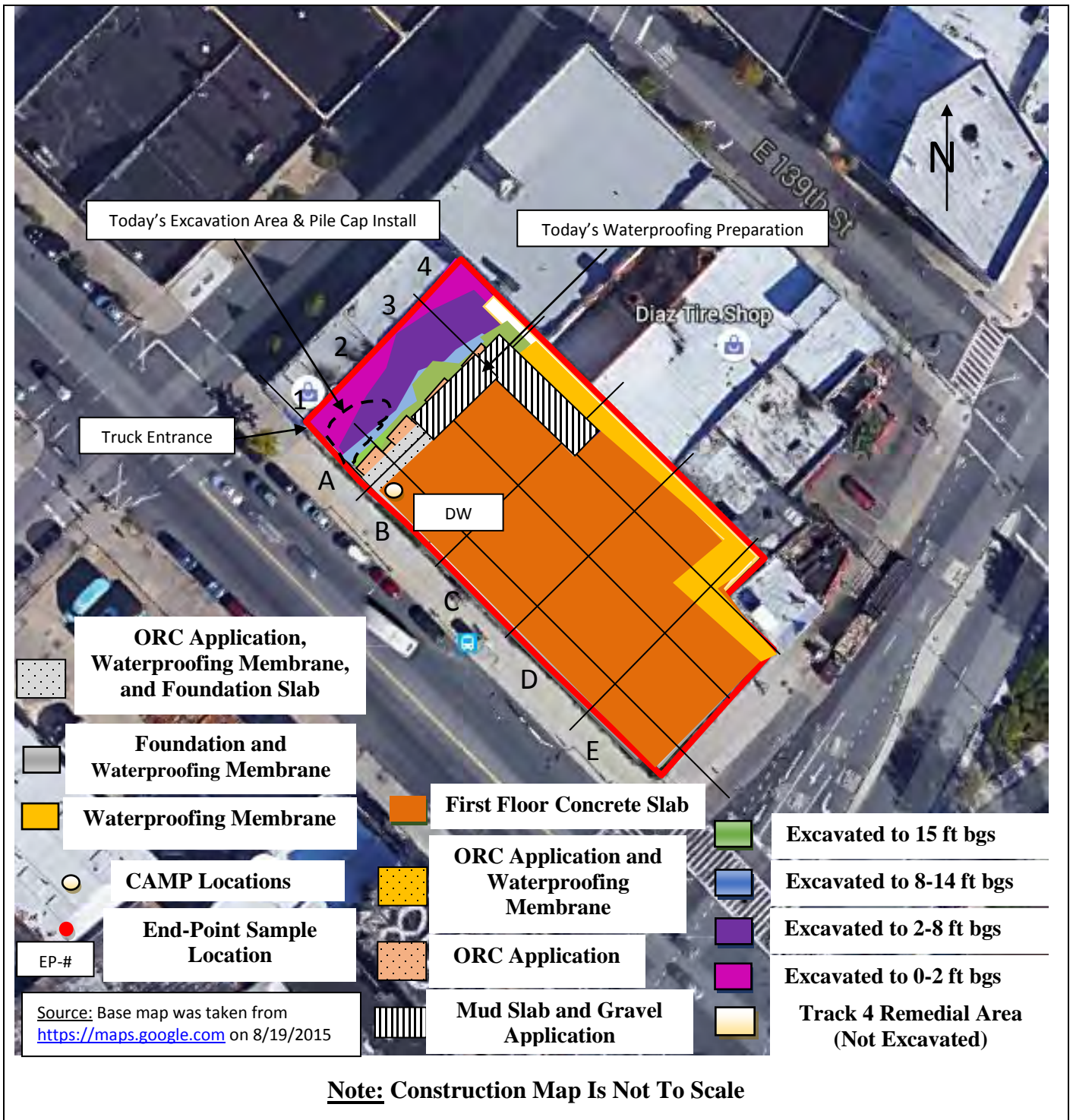
	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today										
Total	630	15,750								

\* = cubic yard totals are approximate since countersigned manifests have yet to been received



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

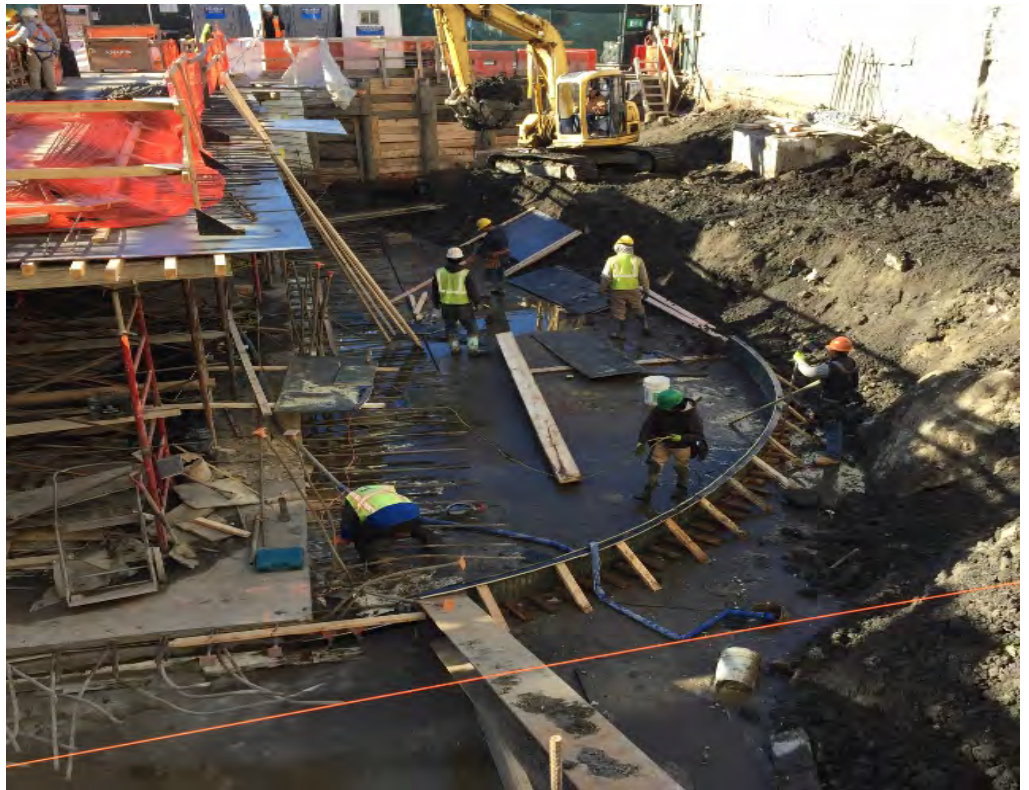
Photo 1 –

View of the contractor excavating for a pile cap along the southwestern portion of the site, facing west.



Photo 2 –

View of the contractor preparing the western portion of the site for the Preprufe 300R waterproofing membrane installation, facing west.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the contractor installing rebar for the pile cap, facing southwest.



Photo 4 –

View of the superstructure, facing northeast.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Rachael Barr

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50	X	50-70		70-85		>85	
WIND	SW 5-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	12/2/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

**Personnel On Site:****Environmental Consultant:****Brinkerhoff Environmental Services, Inc.**  
Rachael Barr – Environmental Scientist**Inspector(s):****Contractor:****Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent & Safety Officer  
Alex Adduci – Project Manager  
Edwin – Security  
Ronmel Cimpoberde – Laborer**Subcontractor(s):****Scalpel Construction, Inc.****Equipment on Site:****Lettire Construction Corp.**  
CAT PC128UU Backhoe  
CAT 315 L Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer  
LANDA 3500 PSI Power Washer  
Bobcat Skid Steer**Groundwater Treatment and Technology, LLC**  
Dewatering storage and treatment tanks**Description of Work Performed:**

- The contractor excavated in the western portion of the site and removed four (4) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.
- The contractor continued the installation of the superstructure in the western and central portions of the site.

**Equipment Delivered to Site:**

- None.

**Equipment Removed from Site:**

- None.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Material Delivered to Site:

- None.

Material Removed From Site:

-The contractor excavated and removed four (4) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.

Working In Grid #s: A1-4, B1-4, C1-4, D3-4, E-4.

Samples Collected:

- Eight (8) base endpoint samples, identified as EP-34 through EP-40 and DUP-2, were collected and submitted to the laboratory for analysis of Target Compound List (TCL) and Target Analyte List (TAL) parameters and Hexavalent and Trivalent Chromium. Reference the construction map below for the approximate sample locations.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Saturday, December 3, 2016):

- The contractor anticipates to import 2.5 to 3-inch virgin stone from the Hamburg Quarry located in Hamburg, New Jersey in the southern portion of the western ramp.  
-The contractor anticipates to continue installation of the superstructure in the central and western portions of the site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
	4	100								
Total	634	15,850								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

**Construction Map Sketch**





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the contractor directly loading soil for off-site disposal, facing west.



Photo 2 –

View of the excavated area in the northern portion of the site, facing north.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the entrance ramp along the western boundary of the site, facing southwest.



Photo 4 –

View of the superstructure from the entrance ramp, facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50	X	50-70		70-85		>85	
WIND	SW 10-20- mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	12/03/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

**Personnel On Site:****Environmental Consultant:****Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist**Inspector(s):****Contractor:****Lettire Construction Corp.**  
Alex Adduci – Project Manager  
Ronmel Cimpoberde – Laborer**Subcontractor(s):****Scapel Construction, Inc.****Equipment on Site:****Lettire Construction Corp.**CAT PC128UU Backhoe  
CAT 315 L Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer  
LANDA 3500 PSI Power Washer  
Bobcat Skid Steer**Groundwater Treatment and Technology, LLC**

Dewatering storage and treatment tanks

**Description of Work Performed:**

- The contractor began to install one (1) pile cap in the northern portion of the western ramp.
- The contractor imported three (3) truck-loads of 2½ to 3-inch virgin stone from Hamburg Quarry located in Hamburg, New Jersey. The contractor placed the stone in the southern portion of the western ramp.
- The contractor continued the installation of the superstructure in the eastern and central portions of the site.

**Equipment Delivered to Site:**

- One (1) roll-off container was delivered to the Site.

**Equipment Removed from Site:**

- One (1) roll-off container was removed from the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-None.

Material Removed From Site:

-None.

Working In Grid #s: A1-4, B1-4, C1-4, D1-4, E1-4

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-CAMP was not performed.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Next Week):

-The contractor anticipates to continue installation of the remaining two (2) pile caps in the northern portion of the western ramp.  
 -The contractor anticipates to continue installation of the superstructure in the central and eastern portions of the site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
	-	-								
Total	634	15,850								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the southern portion of the western ramp prior to stone import, facing west.



Photo 2 –

View of the contractor preparing for the pile cap installation in the northern portion of the western ramp, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the imported stone being placed in the southern portion of the western ramp, facing north.



Photo 4 –

View of the superstructure, facing northeast.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32	X	32-50		50-70		70-85		>85	
WIND	SW 15-20- mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	12/15/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

**Personnel On Site:****Environmental Consultant:****Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist**Inspector(s):****Contractor:****Lettire Construction Corp.**  
Ratko Krneta – Construction Site Superintendent & Safety Officer  
Alex Adduci – Project Manager  
Ronmel Cimpoberde – Laborer**Subcontractor(s):****Scapel Construction, Inc.**  
**ARRCO Environmental Services Corp.**  
Daybi – Driller**Equipment on Site:****Lettire Construction Corp.**CAT PC128UU Backhoe  
CAT 315 L Backhoe  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer  
LANDA 3500 PSI Power Washer  
Bobcat Skid Steer**Description of Work Performed:**

-AARCO Environmental Services Corp. (AARCO) installed one (1) permanent monitoring well (SMW-2) in the western Track 4 Ramp Area to 20 feet below grade surface (bgs).  
-The contractor continued the installation of the superstructure in the eastern and central portions of the Site.

**Equipment Delivered to Site:**

-AARCO brought a GeoProbe® 7822DT Drill Rig on-site for the installation of the permanent monitoring well.

**Equipment Removed from Site:**

-AARCO removed the GeoProbe® 7822DT Drill Rig after the completion of the permanent monitoring well installation.



**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Material Delivered to Site:

-None.

Material Removed From Site:

-None.

Working In Grid #s: A1-4, B1-4, C1-4, D1-4, E1-4

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-CAMP was not performed.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Next Week):

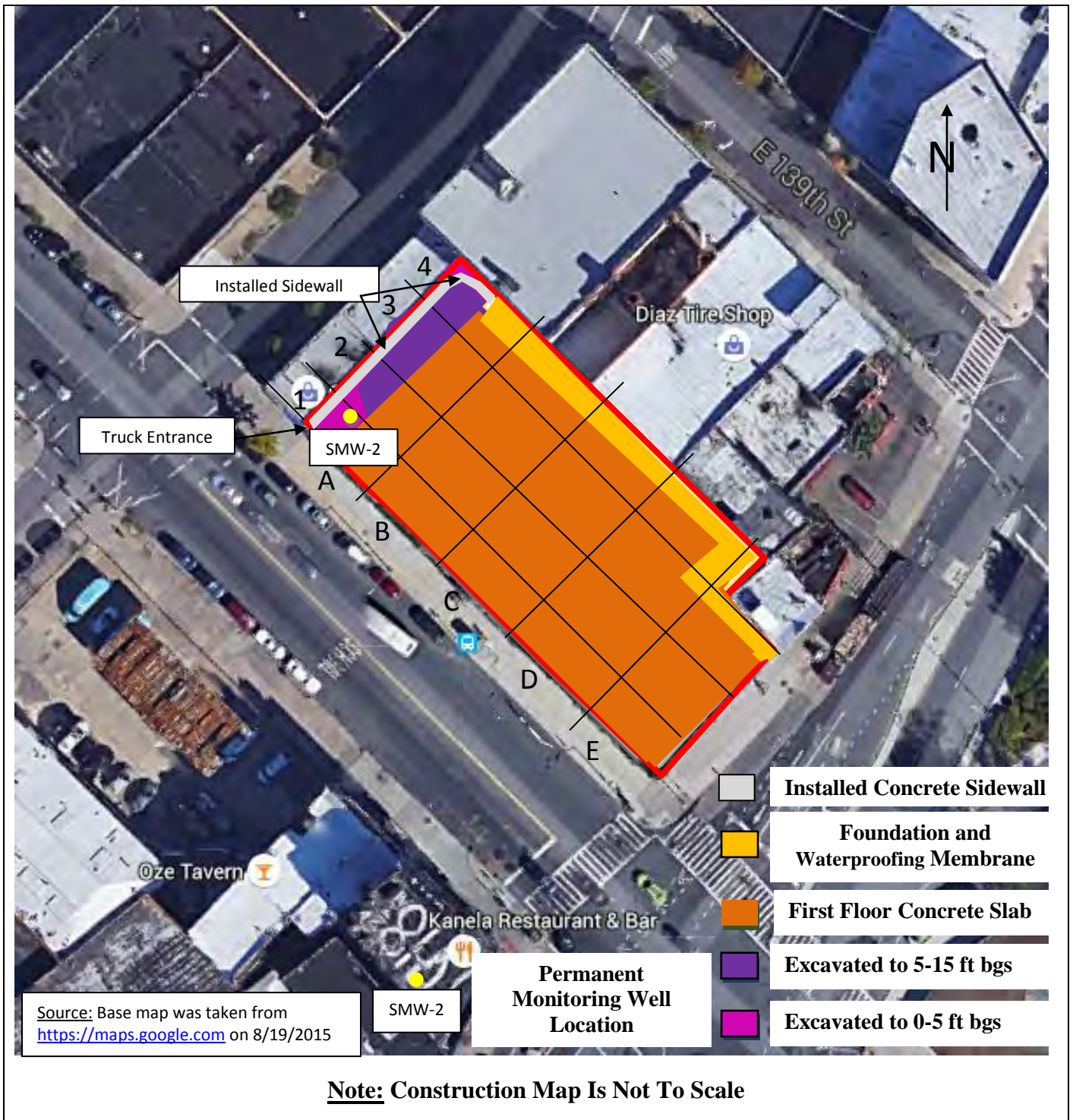
-The contractor anticipates to install the waterproofing/vapor barrier membrane and the foundation slab for the remaining portions of the Site in the western ramp area.  
 -The contractor anticipates to continue installation of the superstructure in the central and eastern portions of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	634	15,850								

\* = cubic yard totals are approximate since countersigned manifests have yet to be received

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of AARCO installing the permanent monitoring well (SMW-2) in the ramp entrance area, facing northeast.



Photo 2 –

View of the northern portion of the ramp descending into the basement, facing east.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the ramp facing southwest.



Photo 4 –

View of the installed permanent monitoring well (SMW-2), facing northeast.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**

Field Representative(s): Monica Norton

Client: East 138<sup>th</sup> Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50	X	50-70		70-85		>85	
WIND	WNW 10-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	12/27/2016
Location:	255 E. 138 <sup>th</sup> Street, Bronx, New York	Job:	Excavation of NYSDEC BCP # C203057		

**Personnel On Site:****Environmental Consultant:****Brinkerhoff Environmental Services, Inc.**  
Monica Norton – Geologist**Inspector(s):****Contractor:****Lettire Construction Corp.**  
Alex Adduci – Project Manager  
Ronmel Cimpoberde – Laborer  
Edwin Valera – Security**Subcontractor(s):****Scalpel Construction, Inc.****Equipment on Site:****Lettire Construction Corp.**  
900H Sullair Generator  
Clean Force 1800 PSI Power Washer  
LANDA 3500 PSI Power Washer**Description of Work Performed:**

- The contractor poured concrete in the northern portion of the Site for the first floor slab. Now the entire site has been covered with the waterproofing membrane and concrete slab.
- The contractor continued the installation of the superstructure in the eastern and central portions of the Site.

**Equipment Delivered to Site:**

- No equipment was delivered to the Site.

**Equipment Removed from Site:**

- No equipment was removed from the Site.

**Material Delivered to Site:**

- Approximately 170 cubic yards of concrete was delivered to the Site.

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.****DAILY FIELD ACTIVITY REPORT**Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A1-4, B1-4, C1-4, D1-4, E1-4

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-CAMP was not performed.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Rest of this Week):

-The contractor anticipates to continue installation of the superstructure across the entire Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	634	15,850								

\* = cubic yard totals are approximate since countersigned manifests have yet to been received



BRINKERHOFF ENVIRONMENTAL SERVICES, INC.  
DAILY FIELD ACTIVITY REPORT

Construction Map Sketch





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**

**DAILY FIELD ACTIVITY REPORT**

**Photographs of Work Performed:**

Photo 1 –

View of the Site in preparation for the first floor concrete installation in the northern portion of the Site, facing northeast.



Photo 2 –

View of the concrete installation in the northern portion of the Site, facing north.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 3 –

View of the installed concrete in the northern portion of the Site for the first floor, facing north.



Photo 4 –

View of the installed concrete along the northern boundary of the Site, facing northwest.





**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 5 –

View of the installed concrete along the northwest boundary of the Site, facing northwest.



Photo 6 –

View of the concrete installation in the northern corner of the Site, facing north.



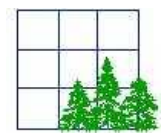


**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**DAILY FIELD ACTIVITY REPORT**

Photo 7 –

Additional view of the concrete installation in the northern corner of the Site, facing north.





## APPENDIX XI

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## **ANALYTICAL REPORT**

**for**

### **BRINKERHOFF ENVIRONMENTAL**

1805 Atlantic Ave.

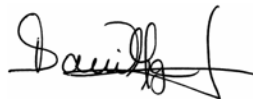
Manasquan, NJ 08736

Project: 255 East 138th Street

AAR Work Order: 1500778

<u>Client Sample ID:</u>	<u>Lab Sample ID:</u>
WC-1	1500778-01
WC-1	1500778-01RE1
WC-2	1500778-02
WC-3	1500778-03
WC-4	1500778-04
WC-5	1500778-05
WC-5	1500778-05RE1
WC-6	1500778-06
WC-7	1500778-07
WC-8	1500778-08
WC-9	1500778-09
WC-10	1500778-10
MW-2	1500778-11
MW-2	1500778-11RE1

This data has been reviewed and accepted by:



---

Daniel Miguel  
Technical Director

06/11/2015

New Jersey Certification Number: 12007  
New York Certification Number: 11109  
Pennsylvania Certification Number: 68-02799

This report shall not be reproduced, except in its entirety, without the written consent of Accredited Analytical Resources, LLC.  
The test results included in this report relate only to the samples analyzed.





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## Case Narrative

### **Conformance / Non-Conformance Summary**

Accredited Analytical Resources, LLC received 11 sample(s) from BRINKERHOFF ENVIRONMENTAL (Project: 255 East 138th Street) on 5/13/2015 4:05:00 PM.

All analyses were performed within the required holding time.

In the Volatile Organic analyses, the MDL level was elevated for AAR Sample #1500778-02 due to matrix interference. The methylene chloride result reported for AAR Sample #1500778-02 and -05 is due to laboratory contamination.

Except for the parameters tested AAR makes no representation as to the fitness or quality of the sample (s) taken.

"The laboratory has reviewed the quality assurance and quality control measurements for the sample analyses.

Daniel Miguel  
Technical Director





## Methodology Summary

**EPA Method SW846 8081/8082:**

NJ 8081A/8082  
NY 8081B/8082A

**Extractable Petroleum Hydrocarbons by NJ EPH:**

NJDEP EPH

**Semivolatile Organic Compounds EPA Method SW846 8270:**

NJ 8270C  
NY 8270D

**TCLP Mercury by SW846 7470:**

1311/7470

**TCLP Metals by SW846 6010:**

NJ 1311/6010B  
NY 1311/6010C

**Total Mercury by SW846 7470:**

EPA 7470A

**Total Mercury by SW846 7471:**

NJ EPA 7471A  
NY EPA 7471B

**Total Metals by EPA Method SW846 6010:**

NJ 6010B  
NY 6010C

**Volatile Organic Compounds EPA Method SW846 8260:**

NJ 8260B  
NY 8260C

**Wet Chemistry:**

NJ Flashpoint by EPA 1010  
NY Flashpoint by EPA 1010A  
Reactive Cyanide by EPA 9014  
Total Cyanide by EPA 9010C & EPA 9014  
Sulfide Reactive by EPA 9031  
NJ pH by EPA 9045C  
NY pH by EPA 9045D  
NJ Paint Filter Test by EPA 9095  
NY Paint Filter Test by EPA 9095B  
Percent Solids by SM 2540 G  
Total Cyanide by SM 4500CN C & E

# ACCREDITED ANALYTICAL RESOURCES, LLC

20 PERSHING AVENUE  
CARTERET, NEW JERSEY 07008  
PHONE (732) 969-6112 FAX (732) 541-1383  
accreditedanalytical.com

Page 1 of 1  
CHAIN OF CUSTODY FORM

CLIENT	Brinkerhoff Environmental		
ADDRESS	1805 Atlantic Avenue		
CITY	Margusquan		
STATE	New Jersey	ZIP	08736

STATE AGENCY NJ NY PA CT DE OTHER	
PROJECT	255 East 138 <sup>th</sup> Street
CONTACT	Doug Harm
PHONE	732-223-2225
FAX	732-223-3666
E-MAIL	dharm@brinkenv.com

LABORATORY SAMPLE #	CLIENT FIELD ID	# OF CONT AIN ERS	M A T R I X	PRE SER VAT IVE	DATE / TIME SAMPLED	SAMPLE DESCRIPTION			ANALYSIS
						GRAB	COMPOSITE	DEPTH	
1500778-01	WC-1	4	S	-	5/13/15 10:20				TAL/TCL, TCLP Metals, EPH, P, Filter
-02	WC-2	4	S	-	5/13/15 11:15		X		↓ RCHA Characteristics ↓ TAL/TCL, EPH ↓ TAL/TCL (Filtered & Unfiltered metals)
-03	WC-3	4	S	-	5/13/15 10:50		X		
-04	WC-4	4	S	-	5/13/15 09:00		X		
-05	WC-5	4	S	-	5/13/15 09:53		X		
-06	WC-6	4	S	-	5/13/15 09:20		X		
-07	WC-7	2	S	-	5/13/15 11:22		X		
-08	WC-8	2	S	-	5/13/15 09:53		X		
-09	WC-9	4	S	-	5/13/15 11:27		X		
-10	WC-10	4	S	-	5/13/15 10:00		X		
-11	MW-2	7	GW	HCL EXTRACT HNO3	5/13/15 12:40				

TURNAROUND TIME	STD	(IF BLANK, STD. 3 WEEKS)
-----------------	-----	--------------------------

RECIEVED W/ ICE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	TEMPERATURE: 40C
--------------------------------------------------------------------------------------	------------------

QA/QC DELIVERABLES (circle one)	STD	NJ REDUCED	NJ FULL	OTHER : NYASP Cat. A	NYASP Cat. B
------------------------------------	-----	------------	---------	----------------------	--------------

PRESERVATIVE CODE: 1=HCL 2=HNO<sub>3</sub> 3=H<sub>2</sub>SO<sub>4</sub> 4=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> 5=NaOH 6=MeOH 7=OTHER

RELINQUISHED BY:		RECEIVED BY:		ORGANIZATION	DATE	TIME	REASON
PRINT	SIGN	PRINT	SIGN				
Sean Harrison		K. Muniz		AAR	5/13/15	1605	Analysis

PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: Sean Harrison	SIGN:
----------------------------------------------------------------------	-------

COMMENTS	Please filter for metals for groundwater sample in laboratory. Note: VOCs from composite samples were collected from discrete grab samples.	AAR QUOTE #	
		AAR CASE #	1500778
		PO. #	10BR188





## Customer Change Order

<b>Initiator:</b>	<u>Bernie</u>	<b>Date:</b>	<u>5-18-15</u>
<b>Client:</b>	<u>BES</u>	<b>Phone No.:</b>	<u></u>
<b>Contact:</b>	<u>Sean H.</u>	<b>Fax No.:</b>	<u></u>
<b>Work Order No.:</b>	<u>1500778</u>	<b>E-Mail Address:</b>	<u></u>
<b>Date Sampled:</b>	<u>5-13-15</u>	<b>Demand Date:</b>	<u>5-20-14 (for 11 only)</u>
		<b>Holding Time Up on:</b>	<u></u>

### Change Order Request:

Revise the TAT to 5 days for sample 11 only.

### Remarks:

**Bernie O'Gara**

---

**From:** "Sean Harrison" <sharrison@brinkenv.com>  
**To:** "Bernie O'Gara" <bernie@accreditedanalytical.com>  
**Cc:** "Doug Harm" <dharm@brinkenv.com>  
**Sent:** Friday, May 15, 2015 5:07 PM  
**Attach:** Revised COC-2015-05-15.pdf  
**Subject:** 255 East 138th Street, Bronx, New York

Hi Bernie,

Please find the revised chain of custody attached for the 255 East 138<sup>th</sup> Street project. I wanted to change the turnaround time for only the groundwater sample, MW-2, to 1 week instead of standard TAT. The soil samples, WC-1 through WC-10, shall be kept at a standard TAT. Please confirm when you have a chance.

Thank you,

Sean

---

Sean Harrison  
[sharrison@brinkenv.com](mailto:sharrison@brinkenv.com)



1805 Atlantic Avenue  
Manasquan, NJ 08736  
Phone: 732-223-2225, xt 26  
Fax: 732-223-3666  
Web: [www.BrinkEnv.com](http://www.BrinkEnv.com)

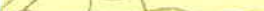



CLIENT	Behlerhoff Environmental		
ADDRESS	1805 Atlantic Avenue		
CITY	Margaux		
STATE	New Jersey	ZIP	08736

PROJECT	255 East 138 <sup>th</sup> Street
CONTACT	Doug Harm
PHONE	732-223-7225
FAX	732-223-3666
E-MAIL	dharm@brinklennv.com

TURNAROUND TIME	<div> <div>1 week TAT for groundwater sample MW-2 (SH)</div> <div>STD</div> </div> <div>(IF BLANK, STD. 3 WEEKS)</div>
-----------------	------------------------------------------------------------------------------------------------------------------------

QA/QC DELIVERABLES (circle one)	<u>STD</u>	NJ REDUCED	NJ FULL	OTHER : NYASP Cat. A	NYASP Cat. B
------------------------------------	------------	------------	---------	----------------------	--------------

RELINQUISHED BY:		RECEIVED BY:		ORGANIZATION	DATE	TIME	REASON
PRINT	SIGN	PRINT	SIGN				
Sean Harrison		K. Muniz		AAR	5/13/15	16:05	Analysis

COMMENTS	Please filter for metals for groundwater sample in laboratory. Note: VOCs from composite samples were collected from discrete grab samples.	AAR QUOTE #	
		AAR CASE #	
		PO. #	10BR188



### Analytical Report for Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WC-1	1500778-01	Soil	05/13/2015 10:20	05/13/2015 16:05
WC-2	1500778-02	Soil	05/13/2015 11:15	05/13/2015 16:05
WC-3	1500778-03	Soil	05/13/2015 10:50	05/13/2015 16:05
WC-4	1500778-04	Soil	05/13/2015 09:00	05/13/2015 16:05
WC-5	1500778-05	Soil	05/13/2015 09:53	05/13/2015 16:05
WC-6	1500778-06	Soil	05/13/2015 09:20	05/13/2015 16:05
WC-7	1500778-07	Soil	05/13/2015 11:22	05/13/2015 16:05
WC-8	1500778-08	Soil	05/13/2015 09:55	05/13/2015 16:05
WC-9	1500778-09	Soil	05/13/2015 11:27	05/13/2015 16:05
WC-10	1500778-10	Soil	05/13/2015 10:00	05/13/2015 16:05
MW-2	1500778-11	Ground Water	05/13/2015 12:40	05/13/2015 16:05

### Data Qualifiers

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



# PETROLEUM HYDROCARBONS



## ANALYSIS DATA SHEET

### NJDEP EPH

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-1  
**Lab Sample ID:** 1500778-01  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:20	Prep Date:	05/15/15 08:08	Matrix:	Soil
Percent Solids:	86.00	Prep Method:	EPA 3545A	File ID:	K14094.D
Prep Batch:	B5E1503	Sequence:	S5E2001	Analyzed:	05/20/15 08:56
Dilution:	5			Analyst:	MS

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
NA	Extractable Petroleum Hydrocarbons (EPH)	2430	93.0	93.0	D
	<u>Surrogate</u>	<u>% Recovery</u>	<u>Recovery Limits</u>		
	o-Terphenyl	81.9%	40-140		
	1-Chlorooctadecane	82.3%	40-140		

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### NJDEP EPH

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-2  
**Lab Sample ID:** 1500778-02  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 11:15	Prep Date:	05/15/15 08:08	Matrix:	Soil
Percent Solids:	88.20	Prep Method:	EPA 3545A	File ID:	K14095.D
Prep Batch:	B5E1503	Sequence:	S5E2001	Analyzed:	05/20/15 09:36
Dilution:	5			Analyst:	MS

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
NA	Extractable Petroleum Hydrocarbons (EPH)	2160	90.7	90.7	D
	<u>Surrogate</u>	<u>% Recovery</u>	<u>Recovery Limits</u>		
	o-Terphenyl	83.2%	40-140		
	1-Chlorooctadecane	87.9%	40-140		

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit

## ANALYSIS DATA SHEET

### NJDEP EPH

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-3  
**Lab Sample ID:** 1500778-03  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled: 05/13/15 10:50	Prep Date: 05/15/15 08:08	Matrix: Soil
Percent Solids: 72.80	Prep Method: EPA 3545A	File ID: K14080.D
Prep Batch: B5E1503	Sequence: S5E1908	Analyzed: 05/19/15 23:44
Dilution: 1		Analyst: MS

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
NA	Extractable Petroleum Hydrocarbons (EPH)	245	22.0	22.0	
	<u>Surrogate</u>	<u>% Recovery</u>	<u>Recovery Limits</u>		
	o-Terphenyl	72.9%	40-140		
	1-Chlorooctadecane	76.4%	40-140		

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### NJDEP EPH

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-4  
**Lab Sample ID:** 1500778-04  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:00	Prep Date:	05/15/15 08:08	Matrix:	Soil
Percent Solids:	85.10	Prep Method:	EPA 3545A	File ID:	K14081.D
Prep Batch:	B5E1503	Sequence:	S5E1908	Analyzed:	05/20/15 00:24
Dilution:	1			Analyst:	MS

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
NA	Extractable Petroleum Hydrocarbons (EPH)	199	18.8	18.8	
	<u>Surrogate</u>	<u>% Recovery</u>	<u>Recovery Limits</u>		
	o-Terphenyl	84.3%	40-140		
	1-Chlorooctadecane	101%	40-140		

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### NJDEP EPH

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-5  
**Lab Sample ID:** 1500778-05  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:53	Prep Date:	05/15/15 08:08	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 3545A	File ID:	K14082.D
Prep Batch:	B5E1503	Sequence:	S5E1908	Analyzed:	05/20/15 01:03
Dilution:	1			Analyst:	MS

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
NA	Extractable Petroleum Hydrocarbons (EPH)	582	18.2	18.2	
	<u>Surrogate</u>	<u>% Recovery</u>	<u>Recovery Limits</u>		
	o-Terphenyl	83.4%	40-140		
	1-Chlorooctadecane	114%	40-140		

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit





## ANALYSIS DATA SHEET

### NJDEP EPH

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-6  
**Lab Sample ID:** 1500778-06  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:20	Prep Date:	05/15/15 08:08	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 3545A	File ID:	K14083.D
Prep Batch:	B5E1503	Sequence:	S5E1908	Analyzed:	05/20/15 01:42
Dilution:	1			Analyst:	MS

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
NA	Extractable Petroleum Hydrocarbons (EPH)	294	18.2	18.2	
	<u>Surrogate</u>	<u>% Recovery</u>	<u>Recovery Limits</u>		
	o-Terphenyl	93.6%	40-140		
	1-Chlorooctadecane	117%	40-140		

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit

## ANALYSIS DATA SHEET

### NJDEP EPH

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-9  
**Lab Sample ID:** 1500778-09  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 11:27	Prep Date:	05/15/15 08:08	Matrix:	Soil
Percent Solids:	85.30	Prep Method:	EPA 3545A	File ID:	K14084.D
Prep Batch:	B5E1503	Sequence:	S5E1908	Analyzed:	05/20/15 02:22
Dilution:	1			Analyst:	MS

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
NA	Extractable Petroleum Hydrocarbons (EPH)	84.1	18.8	18.8	
	<u>Surrogate</u>	<u>% Recovery</u>	<u>Recovery Limits</u>		
	o-Terphenyl	46.2%	40-140		
	1-Chlorooctadecane	53.5%	40-140		

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### NJDEP EPH

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-10  
**Lab Sample ID:** 1500778-10  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:00	Prep Date:	05/15/15 08:08	Matrix:	Soil
Percent Solids:	83.30	Prep Method:	EPA 3545A	File ID:	K14085.D
Prep Batch:	B5E1503	Sequence:	S5E1908	Analyzed:	05/20/15 03:01
Dilution:	1			Analyst:	MS

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
NA	Extractable Petroleum Hydrocarbons (EPH)	73.6	19.2	19.2	
	<u>Surrogate</u>	<u>% Recovery</u>	<u>Recovery Limits</u>		
	o-Terphenyl	59.6%	40-140		
	1-Chlorooctadecane	67.3%	40-140		

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit

**PEST/PCB**





## ANALYSIS DATA SHEET

EPA 8081/8082

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-1  
**Lab Sample ID:** 1500778-01  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:20	Prep Date:	05/20/15 10:31	Matrix:	Soil
Percent Solids:	86.00	Prep Method:	EPA 3550B	File ID:	A18085.D
Prep Batch:	B5E2011	Sequence:	S5E2102	Analyzed:	05/21/15 14:32
Dilution:	1			Analyst:	JAM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
319-84-6	alpha-BHC	ND	0.767	0.767	U
319-85-7	beta-BHC	ND	0.767	0.767	U
319-86-8	delta-BHC	ND	0.767	0.767	U
58-89-9	gamma-BHC [Lindane]	ND	0.767	0.767	U
76-44-8	Heptachlor	ND	0.767	0.767	U
309-00-2	Aldrin	ND	0.767	0.767	U
1024-57-3	Heptachlor Epoxide	ND	0.767	0.767	U
959-98-8	Endosulfan I	ND	0.767	0.767	U
60-57-1	Dieldrin	ND	1.55	1.55	U
72-55-9	4,4'-DDE	ND	1.55	1.55	U
72-20-8	Endrin	ND	1.55	1.55	U
33213-65-9	Endosulfan II	ND	1.55	1.55	U
72-54-8	4,4'-DDD	ND	1.55	1.55	U
1031-07-8	Endosulfan sulfate	ND	1.55	1.55	U
50-29-3	4,4'-DDT	ND	1.55	1.55	U
72-43-5	Methoxychlor	ND	7.74	7.74	U
53494-70-5	Endrin ketone	ND	1.55	1.55	U
7421-93-4	Endrin aldehyde	ND	1.55	1.55	U
5103-71-9	alpha-Chlordane	ND	0.767	0.767	U
5566-34-7	gamma-Chlordane	ND	0.767	0.767	U
8001-35-2	Toxaphene	ND	38.7	38.7	U
12674-11-2	Aroclor-1016	ND	19.3	38.7	U



## ANALYSIS DATA SHEET

EPA 8081/8082

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-1  
**Lab Sample ID:** 1500778-01  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:20	Prep Date:	05/20/15 10:31	Matrix:	Soil
Percent Solids:	86.00	Prep Method:	EPA 3550B	File ID:	A18085.D
Prep Batch:	B5E2011	Sequence:	S5E2102	Analyzed:	05/21/15 14:32
Dilution:	1			Analyst:	JAM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
11104-28-2	Aroclor-1221	ND	19.3	38.7	U
11141-16-5	Aroclor-1232	ND	19.3	38.7	U
53469-21-9	Aroclor-1242	ND	19.3	38.7	U
12672-29-6	Aroclor-1248	ND	19.3	38.7	U
11097-69-1	Aroclor-1254	ND	19.3	38.7	U
11096-82-5	Aroclor-1260	ND	19.3	38.7	U
37324-23-5	Aroclor-1262	ND	19.3	38.7	U
11100-14-4	Aroclor-1268	ND	19.3	38.7	U

<u>Surrogate</u>	<u>% Recovery</u>	<u>Recovery Limits</u>
Tetrachloro-m-xylene	58.8%	30-150
Tetrachloro-m-xylene [2C]	87.5%	30-150
Decachlorobiphenyl	66.1%	30-150
Decachlorobiphenyl [2C]	523% *	30-150

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit





## ANALYSIS DATA SHEET

EPA 8081/8082

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-2  
**Lab Sample ID:** 1500778-02  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 11:15	Prep Date:	05/20/15 10:31	Matrix:	Soil
Percent Solids:	88.20	Prep Method:	EPA 3550B	File ID:	A18086.D
Prep Batch:	B5E2011	Sequence:	S5E2102	Analyzed:	05/21/15 15:04
Dilution:	1			Analyst:	JAM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
319-84-6	alpha-BHC	ND	0.748	0.748	U
319-85-7	beta-BHC	ND	0.748	0.748	U
319-86-8	delta-BHC	ND	0.748	0.748	U
58-89-9	gamma-BHC [Lindane]	ND	0.748	0.748	U
76-44-8	Heptachlor	ND	0.748	0.748	U
309-00-2	Aldrin	ND	0.748	0.748	U
1024-57-3	Heptachlor Epoxide	ND	0.748	0.748	U
959-98-8	Endosulfan I	ND	0.748	0.748	U
60-57-1	Dieldrin	ND	1.51	1.51	U
72-55-9	4,4'-DDE	ND	1.51	1.51	U
72-20-8	Endrin	ND	1.51	1.51	U
33213-65-9	Endosulfan II	ND	1.51	1.51	U
72-54-8	4,4'-DDD	ND	1.51	1.51	U
1031-07-8	Endosulfan sulfate	ND	1.51	1.51	U
50-29-3	4,4'-DDT	ND	1.51	1.51	U
72-43-5	Methoxychlor	ND	7.55	7.55	U
53494-70-5	Endrin ketone	ND	1.51	1.51	U
7421-93-4	Endrin aldehyde	ND	1.51	1.51	U
5103-71-9	alpha-Chlordane	ND	0.748	0.748	U
5566-34-7	gamma-Chlordane	ND	0.748	0.748	U
8001-35-2	Toxaphene	ND	37.8	37.8	U
12674-11-2	Aroclor-1016	ND	18.8	37.8	U



## ANALYSIS DATA SHEET

EPA 8081/8082

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-2  
**Lab Sample ID:** 1500778-02  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 11:15	Prep Date:	05/20/15 10:31	Matrix:	Soil
Percent Solids:	88.20	Prep Method:	EPA 3550B	File ID:	A18086.D
Prep Batch:	B5E2011	Sequence:	S5E2102	Analyzed:	05/21/15 15:04
Dilution:	1			Analyst:	JAM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
11104-28-2	Aroclor-1221	ND	18.8	37.8	U
11141-16-5	Aroclor-1232	ND	18.8	37.8	U
53469-21-9	Aroclor-1242	ND	18.8	37.8	U
12672-29-6	Aroclor-1248	ND	18.8	37.8	U
11097-69-1	Aroclor-1254	ND	18.8	37.8	U
11096-82-5	Aroclor-1260	ND	18.8	37.8	U
37324-23-5	Aroclor-1262	ND	18.8	37.8	U
11100-14-4	Aroclor-1268	ND	18.8	37.8	U

<u>Surrogate</u>	<u>% Recovery</u>	<u>Recovery Limits</u>
Tetrachloro-m-xylene	74.6%	30-150
Tetrachloro-m-xylene [2C]	82.0%	30-150
Decachlorobiphenyl	69.9%	30-150
Decachlorobiphenyl [2C]	124%	30-150

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit





## ANALYSIS DATA SHEET

EPA 8081/8082

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-3  
**Lab Sample ID:** 1500778-03  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:50	Prep Date:	05/20/15 10:31	Matrix:	Soil
Percent Solids:	72.80	Prep Method:	EPA 3550B	File ID:	A18087.D
Prep Batch:	B5E2011	Sequence:	S5E2102	Analyzed:	05/21/15 15:35
Dilution:	1			Analyst:	JAM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
319-84-6	alpha-BHC	ND	0.907	0.907	U
319-85-7	beta-BHC	ND	0.907	0.907	U
319-86-8	delta-BHC	ND	0.907	0.907	U
58-89-9	gamma-BHC [Lindane]	ND	0.907	0.907	U
76-44-8	Heptachlor	ND	0.907	0.907	U
309-00-2	Aldrin	ND	0.907	0.907	U
1024-57-3	Heptachlor Epoxide	ND	0.907	0.907	U
959-98-8	Endosulfan I	ND	0.907	0.907	U
60-57-1	Dieldrin	ND	1.83	1.83	U
72-55-9	4,4'-DDE	ND	1.83	1.83	U
72-20-8	Endrin	ND	1.83	1.83	U
33213-65-9	Endosulfan II	ND	1.83	1.83	U
72-54-8	4,4'-DDD	ND	1.83	1.83	U
1031-07-8	Endosulfan sulfate	ND	1.83	1.83	U
50-29-3	4,4'-DDT	ND	1.83	1.83	U
72-43-5	Methoxychlor	ND	9.15	9.15	U
53494-70-5	Endrin ketone	ND	1.83	1.83	U
7421-93-4	Endrin aldehyde	ND	1.83	1.83	U
5103-71-9	alpha-Chlordane	ND	0.907	0.907	U
5566-34-7	gamma-Chlordane	ND	0.907	0.907	U
8001-35-2	Toxaphene	ND	45.7	45.7	U
12674-11-2	Aroclor-1016	ND	22.8	45.7	U



## ANALYSIS DATA SHEET

EPA 8081/8082

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-3  
**Lab Sample ID:** 1500778-03  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:50	Prep Date:	05/20/15 10:31	Matrix:	Soil
Percent Solids:	72.80	Prep Method:	EPA 3550B	File ID:	A18087.D
Prep Batch:	B5E2011	Sequence:	S5E2102	Analyzed:	05/21/15 15:35
Dilution:	1			Analyst:	JAM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
11104-28-2	Aroclor-1221	ND	22.8	45.7	U
11141-16-5	Aroclor-1232	ND	22.8	45.7	U
53469-21-9	Aroclor-1242	ND	22.8	45.7	U
12672-29-6	Aroclor-1248	ND	22.8	45.7	U
11097-69-1	Aroclor-1254	ND	22.8	45.7	U
11096-82-5	Aroclor-1260	ND	22.8	45.7	U
37324-23-5	Aroclor-1262	ND	22.8	45.7	U
11100-14-4	Aroclor-1268	ND	22.8	45.7	U

<u>Surrogate</u>	<u>% Recovery</u>	<u>Recovery Limits</u>
Tetrachloro-m-xylene	68.7%	30-150
Tetrachloro-m-xylene [2C]	93.3%	30-150
Decachlorobiphenyl	78.1%	30-150
Decachlorobiphenyl [2C]	84.8%	30-150

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit





## ANALYSIS DATA SHEET

EPA 8081/8082

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-4  
**Lab Sample ID:** 1500778-04  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:00	Prep Date:	05/20/15 10:31	Matrix:	Soil
Percent Solids:	85.10	Prep Method:	EPA 3550B	File ID:	A18088.D
Prep Batch:	B5E2011	Sequence:	S5E2102	Analyzed:	05/21/15 16:07
Dilution:	1			Analyst:	JAM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
319-84-6	alpha-BHC	ND	0.776	0.776	U
319-85-7	beta-BHC	ND	0.776	0.776	U
319-86-8	delta-BHC	ND	0.776	0.776	U
58-89-9	gamma-BHC [Lindane]	ND	0.776	0.776	U
76-44-8	Heptachlor	ND	0.776	0.776	U
309-00-2	Aldrin	ND	0.776	0.776	U
1024-57-3	Heptachlor Epoxide	ND	0.776	0.776	U
959-98-8	Endosulfan I	ND	0.776	0.776	U
60-57-1	Dieldrin	ND	1.56	1.56	U
72-55-9	4,4'-DDE	ND	1.56	1.56	U
72-20-8	Endrin	ND	1.56	1.56	U
33213-65-9	Endosulfan II	ND	1.56	1.56	U
72-54-8	4,4'-DDD	ND	1.56	1.56	U
1031-07-8	Endosulfan sulfate	ND	1.56	1.56	U
50-29-3	4,4'-DDT	ND	1.56	1.56	U
72-43-5	Methoxychlor	ND	7.83	7.83	U
53494-70-5	Endrin ketone	ND	1.56	1.56	U
7421-93-4	Endrin aldehyde	ND	1.56	1.56	U
5103-71-9	alpha-Chlordane	ND	0.776	0.776	U
5566-34-7	gamma-Chlordane	ND	0.776	0.776	U
8001-35-2	Toxaphene	ND	39.1	39.1	U
12674-11-2	Aroclor-1016	ND	19.5	39.1	U



## ANALYSIS DATA SHEET

EPA 8081/8082

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-4  
**Lab Sample ID:** 1500778-04  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:00	Prep Date:	05/20/15 10:31	Matrix:	Soil
Percent Solids:	85.10	Prep Method:	EPA 3550B	File ID:	A18088.D
Prep Batch:	B5E2011	Sequence:	S5E2102	Analyzed:	05/21/15 16:07
Dilution:	1			Analyst:	JAM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
11104-28-2	Aroclor-1221	ND	19.5	39.1	U
11141-16-5	Aroclor-1232	ND	19.5	39.1	U
53469-21-9	Aroclor-1242	ND	19.5	39.1	U
12672-29-6	Aroclor-1248	ND	19.5	39.1	U
11097-69-1	Aroclor-1254	ND	19.5	39.1	U
11096-82-5	Aroclor-1260	ND	19.5	39.1	U
37324-23-5	Aroclor-1262	ND	19.5	39.1	U
11100-14-4	Aroclor-1268	ND	19.5	39.1	U

<u>Surrogate</u>	<u>% Recovery</u>	<u>Recovery Limits</u>
Tetrachloro-m-xylene	70.5%	30-150
Tetrachloro-m-xylene [2C]	79.3%	30-150
Decachlorobiphenyl	96.4%	30-150
Decachlorobiphenyl [2C]	224% *	30-150

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit





## ANALYSIS DATA SHEET

EPA 8081/8082

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-5  
**Lab Sample ID:** 1500778-05  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:53	Prep Date:	05/20/15 10:31	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 3550B	File ID:	A18089.D
Prep Batch:	B5E2011	Sequence:	S5E2102	Analyzed:	05/21/15 16:38
Dilution:	1			Analyst:	JAM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
319-84-6	alpha-BHC	ND	0.750	0.750	U
319-85-7	beta-BHC	ND	0.750	0.750	U
319-86-8	delta-BHC	ND	0.750	0.750	U
58-89-9	gamma-BHC [Lindane]	ND	0.750	0.750	U
76-44-8	Heptachlor	ND	0.750	0.750	U
309-00-2	Aldrin	ND	0.750	0.750	U
1024-57-3	Heptachlor Epoxide	ND	0.750	0.750	U
959-98-8	Endosulfan I	ND	0.750	0.750	U
60-57-1	Dieldrin	ND	1.51	1.51	U
72-55-9	4,4'-DDE	ND	1.51	1.51	U
72-20-8	Endrin	ND	1.51	1.51	U
33213-65-9	Endosulfan II	ND	1.51	1.51	U
72-54-8	4,4'-DDD	ND	1.51	1.51	U
1031-07-8	Endosulfan sulfate	ND	1.51	1.51	U
50-29-3	4,4'-DDT	ND	1.51	1.51	U
72-43-5	Methoxychlor	ND	7.57	7.57	U
53494-70-5	Endrin ketone	ND	1.51	1.51	U
7421-93-4	Endrin aldehyde	ND	1.51	1.51	U
5103-71-9	alpha-Chlordane	ND	0.750	0.750	U
5566-34-7	gamma-Chlordane	ND	0.750	0.750	U
8001-35-2	Toxaphene	ND	37.8	37.8	U
12674-11-2	Aroclor-1016	ND	18.9	37.8	U



## ANALYSIS DATA SHEET

EPA 8081/8082

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-5  
**Lab Sample ID:** 1500778-05  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:53	Prep Date:	05/20/15 10:31	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 3550B	File ID:	A18089.D
Prep Batch:	B5E2011	Sequence:	S5E2102	Analyzed:	05/21/15 16:38
Dilution:	1			Analyst:	JAM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
11104-28-2	Aroclor-1221	ND	18.9	37.8	U
11141-16-5	Aroclor-1232	ND	18.9	37.8	U
53469-21-9	Aroclor-1242	ND	18.9	37.8	U
12672-29-6	Aroclor-1248	ND	18.9	37.8	U
11097-69-1	Aroclor-1254	ND	18.9	37.8	U
11096-82-5	Aroclor-1260	ND	18.9	37.8	U
37324-23-5	Aroclor-1262	ND	18.9	37.8	U
11100-14-4	Aroclor-1268	ND	18.9	37.8	U

<u>Surrogate</u>	<u>% Recovery</u>	<u>Recovery Limits</u>
Tetrachloro-m-xylene	56.9%	30-150
Tetrachloro-m-xylene [2C]	63.7%	30-150
Decachlorobiphenyl	55.1%	30-150
Decachlorobiphenyl [2C]	138%	30-150

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit





## ANALYSIS DATA SHEET

EPA 8081/8082

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-6  
**Lab Sample ID:** 1500778-06  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:20	Prep Date:	05/20/15 10:31	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 3550B	File ID:	A18090.D
Prep Batch:	B5E2011	Sequence:	S5E2102	Analyzed:	05/21/15 17:10
Dilution:	1			Analyst:	JAM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
319-84-6	alpha-BHC	ND	0.750	0.750	U
319-85-7	beta-BHC	ND	0.750	0.750	U
319-86-8	delta-BHC	ND	0.750	0.750	U
58-89-9	gamma-BHC [Lindane]	ND	0.750	0.750	U
76-44-8	Heptachlor	ND	0.750	0.750	U
309-00-2	Aldrin	ND	0.750	0.750	U
1024-57-3	Heptachlor Epoxide	ND	0.750	0.750	U
959-98-8	Endosulfan I	ND	0.750	0.750	U
60-57-1	Dieldrin	ND	1.51	1.51	U
72-55-9	4,4'-DDE	ND	1.51	1.51	U
72-20-8	Endrin	ND	1.51	1.51	U
33213-65-9	Endosulfan II	ND	1.51	1.51	U
72-54-8	4,4'-DDD	ND	1.51	1.51	U
1031-07-8	Endosulfan sulfate	ND	1.51	1.51	U
50-29-3	4,4'-DDT	ND	1.51	1.51	U
72-43-5	Methoxychlor	ND	7.57	7.57	U
53494-70-5	Endrin ketone	ND	1.51	1.51	U
7421-93-4	Endrin aldehyde	ND	1.51	1.51	U
5103-71-9	alpha-Chlordane	ND	0.750	0.750	U
5566-34-7	gamma-Chlordane	ND	0.750	0.750	U
8001-35-2	Toxaphene	ND	37.8	37.8	U
12674-11-2	Aroclor-1016	ND	18.9	37.8	U



## ANALYSIS DATA SHEET

EPA 8081/8082

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-6  
**Lab Sample ID:** 1500778-06  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:20	Prep Date:	05/20/15 10:31	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 3550B	File ID:	A18090.D
Prep Batch:	B5E2011	Sequence:	S5E2102	Analyzed:	05/21/15 17:10
Dilution:	1			Analyst:	JAM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
11104-28-2	Aroclor-1221	ND	18.9	37.8	U
11141-16-5	Aroclor-1232	ND	18.9	37.8	U
53469-21-9	Aroclor-1242	ND	18.9	37.8	U
12672-29-6	Aroclor-1248	ND	18.9	37.8	U
11097-69-1	Aroclor-1254	ND	18.9	37.8	U
11096-82-5	Aroclor-1260	ND	18.9	37.8	U
37324-23-5	Aroclor-1262	ND	18.9	37.8	U
11100-14-4	Aroclor-1268	ND	18.9	37.8	U

<u>Surrogate</u>	<u>% Recovery</u>	<u>Recovery Limits</u>
Tetrachloro-m-xylene	50.2%	30-150
Tetrachloro-m-xylene [2C]	56.2%	30-150
Decachlorobiphenyl	44.6%	30-150
Decachlorobiphenyl [2C]	162% *	30-150

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit





## ANALYSIS DATA SHEET

EPA 8081/8082

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-9  
**Lab Sample ID:** 1500778-09  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 11:27	Prep Date:	05/20/15 10:31	Matrix:	Soil
Percent Solids:	85.30	Prep Method:	EPA 3550B	File ID:	A18091.D
Prep Batch:	B5E2011	Sequence:	S5E2102	Analyzed:	05/21/15 17:41
Dilution:	1			Analyst:	JAM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
319-84-6	alpha-BHC	ND	0.774	0.774	U
319-85-7	beta-BHC	ND	0.774	0.774	U
319-86-8	delta-BHC	ND	0.774	0.774	U
58-89-9	gamma-BHC [Lindane]	ND	0.774	0.774	U
76-44-8	Heptachlor	ND	0.774	0.774	U
309-00-2	Aldrin	ND	0.774	0.774	U
1024-57-3	Heptachlor Epoxide	ND	0.774	0.774	U
959-98-8	Endosulfan I	ND	0.774	0.774	U
60-57-1	Dieldrin	ND	1.56	1.56	U
72-55-9	4,4'-DDE	ND	1.56	1.56	U
72-20-8	Endrin	ND	1.56	1.56	U
33213-65-9	Endosulfan II	ND	1.56	1.56	U
72-54-8	4,4'-DDD	ND	1.56	1.56	U
1031-07-8	Endosulfan sulfate	ND	1.56	1.56	U
50-29-3	4,4'-DDT	ND	1.56	1.56	U
72-43-5	Methoxychlor	ND	7.81	7.81	U
53494-70-5	Endrin ketone	ND	1.56	1.56	U
7421-93-4	Endrin aldehyde	ND	1.56	1.56	U
5103-71-9	alpha-Chlordane	ND	0.774	0.774	U
5566-34-7	gamma-Chlordane	ND	0.774	0.774	U
8001-35-2	Toxaphene	ND	39.0	39.0	U
12674-11-2	Aroclor-1016	ND	19.5	39.0	U



## ANALYSIS DATA SHEET

EPA 8081/8082

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-9  
**Lab Sample ID:** 1500778-09  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 11:27	Prep Date:	05/20/15 10:31	Matrix:	Soil
Percent Solids:	85.30	Prep Method:	EPA 3550B	File ID:	A18091.D
Prep Batch:	B5E2011	Sequence:	S5E2102	Analyzed:	05/21/15 17:41
Dilution:	1			Analyst:	JAM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
11104-28-2	Aroclor-1221	ND	19.5	39.0	U
11141-16-5	Aroclor-1232	ND	19.5	39.0	U
53469-21-9	Aroclor-1242	ND	19.5	39.0	U
12672-29-6	Aroclor-1248	ND	19.5	39.0	U
11097-69-1	Aroclor-1254	ND	19.5	39.0	U
11096-82-5	Aroclor-1260	ND	19.5	39.0	U
37324-23-5	Aroclor-1262	ND	19.5	39.0	U
11100-14-4	Aroclor-1268	ND	19.5	39.0	U

<u>Surrogate</u>	<u>% Recovery</u>	<u>Recovery Limits</u>
Tetrachloro-m-xylene	79.2%	30-150
Tetrachloro-m-xylene [2C]	97.8%	30-150
Decachlorobiphenyl	85.7%	30-150
Decachlorobiphenyl [2C]	88.7%	30-150

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit





## ANALYSIS DATA SHEET

EPA 8081/8082

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-10  
**Lab Sample ID:** 1500778-10  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:00	Prep Date:	05/20/15 10:31	Matrix:	Soil
Percent Solids:	83.30	Prep Method:	EPA 3550B	File ID:	A18092.D
Prep Batch:	B5E2011	Sequence:	S5E2102	Analyzed:	05/21/15 18:12
Dilution:	1			Analyst:	JAM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
319-84-6	alpha-BHC	ND	0.792	0.792	U
319-85-7	beta-BHC	ND	0.792	0.792	U
319-86-8	delta-BHC	ND	0.792	0.792	U
58-89-9	gamma-BHC [Lindane]	ND	0.792	0.792	U
76-44-8	Heptachlor	ND	0.792	0.792	U
309-00-2	Aldrin	ND	0.792	0.792	U
1024-57-3	Heptachlor Epoxide	ND	0.792	0.792	U
959-98-8	Endosulfan I	ND	0.792	0.792	U
60-57-1	Dieldrin	ND	1.60	1.60	U
72-55-9	4,4'-DDE	ND	1.60	1.60	U
72-20-8	Endrin	ND	1.60	1.60	U
33213-65-9	Endosulfan II	ND	1.60	1.60	U
72-54-8	4,4'-DDD	ND	1.60	1.60	U
1031-07-8	Endosulfan sulfate	ND	1.60	1.60	U
50-29-3	4,4'-DDT	ND	1.60	1.60	U
72-43-5	Methoxychlor	ND	8.00	8.00	U
53494-70-5	Endrin ketone	ND	1.60	1.60	U
7421-93-4	Endrin aldehyde	ND	1.60	1.60	U
5103-71-9	alpha-Chlordane	ND	0.792	0.792	U
5566-34-7	gamma-Chlordane	ND	0.792	0.792	U
8001-35-2	Toxaphene	ND	40.0	40.0	U
12674-11-2	Aroclor-1016	ND	19.9	40.0	U



## ANALYSIS DATA SHEET

EPA 8081/8082

Client: **BRINKERHOFF ENVIRONMENTAL**  
Client Sample ID: **WC-10**  
Lab Sample ID: **1500778-10**  
Project: **255 East 138th Street**  
Work Order: **1500778**

Date Sampled:	05/13/15 10:00	Prep Date:	05/20/15 10:31	Matrix:	Soil
Percent Solids:	83.30	Prep Method:	EPA 3550B	File ID:	A18092.D
Prep Batch:	B5E2011	Sequence:	S5E2102	Analyzed:	05/21/15 18:12
Dilution:	1			Analyst:	JAM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
11104-28-2	Aroclor-1221	ND	19.9	40.0	U
11141-16-5	Aroclor-1232	ND	19.9	40.0	U
53469-21-9	Aroclor-1242	ND	19.9	40.0	U
12672-29-6	Aroclor-1248	ND	19.9	40.0	U
11097-69-1	Aroclor-1254	ND	19.9	40.0	U
11096-82-5	Aroclor-1260	ND	19.9	40.0	U
37324-23-5	Aroclor-1262	ND	19.9	40.0	U
11100-14-4	Aroclor-1268	ND	19.9	40.0	U

<u>Surrogate</u>	<u>% Recovery</u>	<u>Recovery Limits</u>
Tetrachloro-m-xylene	91.6%	30-150
Tetrachloro-m-xylene [2C]	107%	30-150
Decachlorobiphenyl	87.0%	30-150
Decachlorobiphenyl [2C]	97.6%	30-150

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit





## ANALYSIS DATA SHEET

EPA 8081/8082

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** MW-2  
**Lab Sample ID:** 1500778-11  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 12:40	Prep Date:	05/14/15 06:21	Matrix:	Ground Water
Percent Solids:		Prep Method:	EPA 3510C	File ID:	A18001.D
Prep Batch:	B5E1402	Sequence:	S5E1501	Analyzed:	05/15/15 15:09
Dilution:	1			Analyst:	JAM

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
319-84-6	alpha-BHC	ND	0.00455	0.00455	U
319-85-7	beta-BHC	ND	0.00455	0.00455	U
319-86-8	delta-BHC	ND	0.00455	0.00455	U
58-89-9	gamma-BHC [Lindane]	ND	0.00455	0.00455	U
76-44-8	Heptachlor	ND	0.00455	0.00455	U
309-00-2	Aldrin	ND	0.00455	0.00455	U
1024-57-3	Heptachlor Epoxide	ND	0.00455	0.00455	U
959-98-8	Endosulfan I	ND	0.00455	0.00455	U
60-57-1	Dieldrin	ND	0.00909	0.00909	U
72-55-9	4,4'-DDE	ND	0.00909	0.00909	U
72-20-8	Endrin	ND	0.00909	0.00909	U
33213-65-9	Endosulfan II	ND	0.00909	0.00909	U
72-54-8	4,4'-DDD	ND	0.00909	0.00909	U
1031-07-8	Endosulfan sulfate	ND	0.00909	0.00909	U
50-29-3	4,4'-DDT	ND	0.00909	0.00909	U
72-43-5	Methoxychlor	ND	0.0455	0.0455	U
53494-70-5	Endrin ketone	ND	0.00909	0.0909	U
7421-93-4	Endrin aldehyde	ND	0.00909	0.0909	U
5103-71-9	alpha-Chlordane	ND	0.00455	0.00455	U
5566-34-7	gamma-Chlordane	ND	0.00455	0.00455	U
8001-35-2	Toxaphene	ND	0.227	0.227	U
12674-11-2	Aroclor-1016	ND	0.114	0.227	U



## ANALYSIS DATA SHEET

EPA 8081/8082

Client: **BRINKERHOFF ENVIRONMENTAL**  
Client Sample ID: **MW-2**  
Lab Sample ID: **1500778-11**  
Project: **255 East 138th Street**  
Work Order: **1500778**

Date Sampled:	05/13/15 12:40	Prep Date:	05/14/15 06:21	Matrix:	Ground Water
Percent Solids:		Prep Method:	EPA 3510C	File ID:	A18001.D
Prep Batch:	B5E1402	Sequence:	S5E1501	Analyzed:	05/15/15 15:09
Dilution:	1			Analyst:	JAM

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
11104-28-2	Aroclor-1221	ND	0.114	0.227	U
11141-16-5	Aroclor-1232	ND	0.114	0.227	U
53469-21-9	Aroclor-1242	ND	0.114	0.227	U
12672-29-6	Aroclor-1248	ND	0.114	0.227	U
11097-69-1	Aroclor-1254	ND	0.114	0.227	U
11096-82-5	Aroclor-1260	ND	0.114	0.227	U

<u>Surrogate</u>	<u>% Recovery</u>	<u>Recovery Limits</u>
Tetrachloro-m-xylene	57.9%	30-150
Tetrachloro-m-xylene [2C]	60.4%	30-150
Decachlorobiphenyl	62.5%	30-150
Decachlorobiphenyl [2C]	58.5%	30-150

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



# SEMIVOLATILES



## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-1  
**Lab Sample ID:** 1500778-01  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:20	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	86.00	Prep Method:	EPA 3550B GCMS	File ID:	E8282.D
Prep Batch:	B5E1406	Sequence:	S5E2206	Analyzed:	05/22/15 19:41
Dilution:	1			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	38.7	194	U
108-95-2	Phenol	56.2	38.7	194	J
111-44-4	bis(2-chloroethyl)ether	ND	38.7	194	U
95-57-8	2-Chlorophenol	ND	38.7	194	U
541-73-1	1,3-Dichlorobenzene	ND	38.7	194	U
106-46-7	1,4-Dichlorobenzene	ND	38.7	194	U
100-51-6	Benzyl alcohol	ND	38.7	194	U
95-50-1	1,2-Dichlorobenzene	ND	38.7	194	U
95-48-7	2-Methylphenol	38.8	38.7	194	J
39638-32-9	bis(2-chloroisopropyl)ether	ND	38.7	194	U
106-44-5	3 & 4-Methylphenol	106	38.7	194	J
621-64-7	N-Nitroso-di-n-propylamine	ND	38.7	194	U
67-72-1	Hexachloroethane	ND	38.7	194	U
98-95-3	Nitrobenzene	ND	38.7	194	U
78-59-1	Isophorone	ND	38.7	194	U
88-75-5	2-Nitrophenol	ND	38.7	194	U
105-67-9	2,4-Dimethylphenol	72.9	38.7	194	J
65-85-0	Benzoic acid	ND	96.5	387	U
111-91-1	bis(2-chloroethoxy)methane	ND	38.7	194	U
120-83-2	2,4-Dichlorophenol	ND	38.7	194	U
120-82-1	1,2,4-Trichlorobenzene	ND	38.7	194	U
91-20-3	Naphthalene	1170	38.7	194	
106-47-8	4-Chloroaniline	ND	38.7	194	U
87-68-3	Hexachlorobutadiene	ND	38.7	194	U
59-50-7	4-Chloro-3-methylphenol	ND	38.7	194	U
91-57-6	2-Methylnaphthylene	676	38.7	194	





## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-1  
**Lab Sample ID:** 1500778-01  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:20	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	86.00	Prep Method:	EPA 3550B GCMS	File ID:	E8282.D
Prep Batch:	B5E1406	Sequence:	S5E2206	Analyzed:	05/22/15 19:41
Dilution:	1			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
77-47-4	Hexachlorocyclopentadiene	ND	38.7	194	U
88-06-2	2,4,6-Trichlorophenol	ND	38.7	194	U
95-95-4	2,4,5-Trichlorophenol	ND	38.7	194	U
91-58-7	2-Chloronaphthalene	ND	38.7	194	U
88-74-4	2-Nitroaniline	ND	38.7	194	U
131-11-3	Dimethylphthalate	ND	38.7	194	U
208-96-8	Acenaphthylene	838	38.7	194	
99-09-2	3-Nitroaniline	ND	38.7	194	U
83-32-9	Acenaphthene	3680	38.7	194	
51-28-5	2,4-Dinitrophenol	ND	38.7	387	U
100-02-7	4-Nitrophenol	ND	38.7	194	U
132-64-9	Dibenzofuran	1860	38.7	194	
606-20-2	2,6-Dinitrotoluene	ND	38.7	194	U
121-14-2	2,4-Dinitrotoluene	ND	38.7	194	U
84-66-2	Diethyl phthalate	ND	38.7	194	U
7005-72-3	4-Chlorophenyl-phenylether	ND	38.7	194	U
86-73-7	Fluorene	3250	38.7	194	
100-01-6	4-Nitroaniline	ND	38.7	194	U
534-52-1	4,6-Dinitro-2-methylphenol	ND	38.7	194	U
86-30-6	N-Nitrosodiphenylamine	ND	38.7	194	U
101-55-3	4-Bromophenyl-phenylether	ND	38.7	194	U
118-74-1	Hexachlorobenzene	ND	38.7	194	U
87-86-5	Pentachlorophenol	ND	38.7	194	U
85-01-8	Phenanthrene	25200	38.7	194	E
120-12-7	Anthracene	7520	38.7	194	E
84-74-2	Di-n-butyl phthalate	ND	38.7	194	U



## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-1  
**Lab Sample ID:** 1500778-01  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:20	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	86.00	Prep Method:	EPA 3550B GCMS	File ID:	E8282.D
Prep Batch:	B5E1406	Sequence:	S5E2206	Analyzed:	05/22/15 19:41
Dilution:	1			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
206-44-0	Fluoranthene	19100	38.7	194	E
129-00-0	Pyrene	52800	38.7	194	E
85-68-7	Butylbenzylphthalate	211	38.7	194	
91-94-1	3,3'-Dichlorobenzidine	ND	96.5	194	U
56-55-3	Benzo[a]anthracene	19000	38.7	194	E
117-81-7	bis(2-ethylhexyl)phthalate	551	38.7	194	
218-01-9	Chrysene	14700	38.7	194	E
117-84-0	Di-n-octyl phthalate	ND	38.7	194	U
205-99-2	Benzo[b]fluoranthene	19700	38.7	194	E
207-08-9	Benzo[k]fluoranthene	7250	38.7	194	E
50-32-8	Benzo[a]pyrene	13800	38.7	194	E
193-39-5	Indeno(1,2,3-cd)pyrene	5070	38.7	194	E
53-70-3	Dibenzo(a,h)anthracene	1320	38.7	194	
191-24-2	Benzo[ghi]perylene	5980	38.7	194	E

#### Surrogate

#### % Recovery

#### Recovery Limits

2-Fluorophenol	63%	30-130
Phenol-d5	76%	30-130
Nitrobenzene-d5	62%	30-130
2-Fluorobiphenyl	68%	30-130
2,4,6-Tribromophenol	67%	30-130
Terphenyl-d14	170% *	30-130

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit





## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-1  
**Lab Sample ID:** 1500778-01RE1  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:20	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	86.00	Prep Method:	EPA 3550B GCMS	File ID:	E8296.D
Prep Batch:	B5E1406	Sequence:	S5E2610	Analyzed:	05/26/15 16:56
Dilution:	20			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	774	3880	U
108-95-2	Phenol	ND	774	3880	U
111-44-4	bis(2-chloroethyl)ether	ND	774	3880	U
95-57-8	2-Chlorophenol	ND	774	3880	U
541-73-1	1,3-Dichlorobenzene	ND	774	3880	U
106-46-7	1,4-Dichlorobenzene	ND	774	3880	U
100-51-6	Benzyl alcohol	ND	774	3880	U
95-50-1	1,2-Dichlorobenzene	ND	774	3880	U
95-48-7	2-Methylphenol	ND	774	3880	U
39638-32-9	bis(2-chloroisopropyl)ether	ND	774	3880	U
106-44-5	3 & 4-Methylphenol	ND	774	3880	U
621-64-7	N-Nitroso-di-n-propylamine	ND	774	3880	U
67-72-1	Hexachloroethane	ND	774	3880	U
98-95-3	Nitrobenzene	ND	774	3880	U
78-59-1	Isophorone	ND	774	3880	U
88-75-5	2-Nitrophenol	ND	774	3880	U
105-67-9	2,4-Dimethylphenol	ND	774	3880	U
65-85-0	Benzoic acid	ND	1930	7740	U
111-91-1	bis(2-chloroethoxy)methane	ND	774	3880	U
120-83-2	2,4-Dichlorophenol	ND	774	3880	U
120-82-1	1,2,4-Trichlorobenzene	ND	774	3880	U
91-20-3	Naphthalene	1310	774	3880	J, D
106-47-8	4-Chloroaniline	ND	774	3880	U
87-68-3	Hexachlorobutadiene	ND	774	3880	U
59-50-7	4-Chloro-3-methylphenol	ND	774	3880	U
91-57-6	2-Methylnaphthylene	ND	774	3880	U



## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-1  
**Lab Sample ID:** 1500778-01RE1  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:20	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	86.00	Prep Method:	EPA 3550B GCMS	File ID:	E8296.D
Prep Batch:	B5E1406	Sequence:	S5E2610	Analyzed:	05/26/15 16:56
Dilution:	20			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
77-47-4	Hexachlorocyclopentadiene	ND	774	3880	U
88-06-2	2,4,6-Trichlorophenol	ND	774	3880	U
95-95-4	2,4,5-Trichlorophenol	ND	774	3880	U
91-58-7	2-Chloronaphthalene	ND	774	3880	U
88-74-4	2-Nitroaniline	ND	774	3880	U
131-11-3	Dimethylphthalate	ND	774	3880	U
208-96-8	Acenaphthylene	977	774	3880	J, D
99-09-2	3-Nitroaniline	ND	774	3880	U
83-32-9	Acenaphthene	4380	774	3880	D
51-28-5	2,4-Dinitrophenol	ND	774	7740	U
100-02-7	4-Nitrophenol	ND	774	3880	U
132-64-9	Dibenzofuran	2170	774	3880	J, D
606-20-2	2,6-Dinitrotoluene	ND	774	3880	U
121-14-2	2,4-Dinitrotoluene	ND	774	3880	U
84-66-2	Diethyl phthalate	ND	774	3880	U
7005-72-3	4-Chlorophenyl-phenylether	ND	774	3880	U
86-73-7	Fluorene	3830	774	3880	J, D
100-01-6	4-Nitroaniline	ND	774	3880	U
534-52-1	4,6-Dinitro-2-methylphenol	ND	774	3880	U
86-30-6	N-Nitrosodiphenylamine	ND	774	3880	U
101-55-3	4-Bromophenyl-phenylether	ND	774	3880	U
118-74-1	Hexachlorobenzene	ND	774	3880	U
87-86-5	Pentachlorophenol	ND	774	3880	U
85-01-8	Phenanthrene	39300	774	3880	D
120-12-7	Anthracene	9830	774	3880	D
84-74-2	Di-n-butyl phthalate	ND	774	3880	U





## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-1  
**Lab Sample ID:** 1500778-01RE1  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:20	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	86.00	Prep Method:	EPA 3550B GCMS	File ID:	E8296.D
Prep Batch:	B5E1406	Sequence:	S5E2610	Analyzed:	05/26/15 16:56
Dilution:	20			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
206-44-0	Fluoranthene	43200	774	3880	D
129-00-0	Pyrene	36600	774	3880	D
85-68-7	Butylbenzylphthalate	ND	774	3880	U
91-94-1	3,3'-Dichlorobenzidine	ND	1930	3880	U
56-55-3	Benzo[a]anthracene	18800	774	3880	D
117-81-7	bis(2-ethylhexyl)phthalate	ND	774	3880	U
218-01-9	Chrysene	18600	774	3880	D
117-84-0	Di-n-octyl phthalate	ND	774	3880	U
205-99-2	Benzo[b]fluoranthene	24900	774	3880	D
207-08-9	Benzo[k]fluoranthene	7940	774	3880	D
50-32-8	Benzo[a]pyrene	17700	774	3880	D
193-39-5	Indeno(1,2,3-cd)pyrene	4960	774	3880	D
53-70-3	Dibenzo(a,h)anthracene	1620	774	3880	D, J
191-24-2	Benzo[ghi]perylene	4920	774	3880	D

#### Surrogate

#### % Recovery

#### Recovery Limits

2-Fluorophenol	69%	30-130
Phenol-d5	83%	30-130
Nitrobenzene-d5	67%	30-130
2-Fluorobiphenyl	76%	30-130
2,4,6-Tribromophenol	67%	30-130
Terphenyl-d14	71%	30-130

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-2  
**Lab Sample ID:** 1500778-02  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 11:15	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	88.20	Prep Method:	EPA 3550B GCMS	File ID:	E8278.D
Prep Batch:	B5E1406	Sequence:	S5E2206	Analyzed:	05/22/15 16:46
Dilution:	1			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	37.8	189	U
108-95-2	Phenol	ND	37.8	189	U
111-44-4	bis(2-chloroethyl)ether	ND	37.8	189	U
95-57-8	2-Chlorophenol	ND	37.8	189	U
541-73-1	1,3-Dichlorobenzene	ND	37.8	189	U
106-46-7	1,4-Dichlorobenzene	ND	37.8	189	U
100-51-6	Benzyl alcohol	ND	37.8	189	U
95-50-1	1,2-Dichlorobenzene	ND	37.8	189	U
95-48-7	2-Methylphenol	ND	37.8	189	U
39638-32-9	bis(2-chloroisopropyl)ether	ND	37.8	189	U
106-44-5	3 & 4-Methylphenol	ND	37.8	189	U
621-64-7	N-Nitroso-di-n-propylamine	ND	37.8	189	U
67-72-1	Hexachloroethane	ND	37.8	189	U
98-95-3	Nitrobenzene	ND	37.8	189	U
78-59-1	Isophorone	ND	37.8	189	U
88-75-5	2-Nitrophenol	ND	37.8	189	U
105-67-9	2,4-Dimethylphenol	ND	37.8	189	U
65-85-0	Benzoic acid	ND	94.1	378	U
111-91-1	bis(2-chloroethoxy)methane	ND	37.8	189	U
120-83-2	2,4-Dichlorophenol	ND	37.8	189	U
120-82-1	1,2,4-Trichlorobenzene	ND	37.8	189	U
91-20-3	Naphthalene	296	37.8	189	
106-47-8	4-Chloroaniline	ND	37.8	189	U
87-68-3	Hexachlorobutadiene	ND	37.8	189	U
59-50-7	4-Chloro-3-methylphenol	ND	37.8	189	U
91-57-6	2-Methylnaphthylene	1750	37.8	189	





## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-2  
**Lab Sample ID:** 1500778-02  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 11:15	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	88.20	Prep Method:	EPA 3550B GCMS	File ID:	E8278.D
Prep Batch:	B5E1406	Sequence:	S5E2206	Analyzed:	05/22/15 16:46
Dilution:	1			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
77-47-4	Hexachlorocyclopentadiene	ND	37.8	189	U
88-06-2	2,4,6-Trichlorophenol	ND	37.8	189	U
95-95-4	2,4,5-Trichlorophenol	ND	37.8	189	U
91-58-7	2-Chloronaphthalene	ND	37.8	189	U
88-74-4	2-Nitroaniline	ND	37.8	189	U
131-11-3	Dimethylphthalate	ND	37.8	189	U
208-96-8	Acenaphthylene	112	37.8	189	J
99-09-2	3-Nitroaniline	ND	37.8	189	U
83-32-9	Acenaphthene	157	37.8	189	J
51-28-5	2,4-Dinitrophenol	ND	37.8	378	U
100-02-7	4-Nitrophenol	ND	37.8	189	U
132-64-9	Dibenzofuran	73.3	37.8	189	J
606-20-2	2,6-Dinitrotoluene	ND	37.8	189	U
121-14-2	2,4-Dinitrotoluene	ND	37.8	189	U
84-66-2	Diethyl phthalate	ND	37.8	189	U
7005-72-3	4-Chlorophenyl-phenylether	ND	37.8	189	U
86-73-7	Fluorene	159	37.8	189	J
100-01-6	4-Nitroaniline	ND	37.8	189	U
534-52-1	4,6-Dinitro-2-methylphenol	ND	37.8	189	U
86-30-6	N-Nitrosodiphenylamine	ND	37.8	189	U
101-55-3	4-Bromophenyl-phenylether	ND	37.8	189	U
118-74-1	Hexachlorobenzene	ND	37.8	189	U
87-86-5	Pentachlorophenol	ND	37.8	189	U
85-01-8	Phenanthrene	1460	37.8	189	
120-12-7	Anthracene	378	37.8	189	
84-74-2	Di-n-butyl phthalate	56.7	37.8	189	J



## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-2  
**Lab Sample ID:** 1500778-02  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 11:15	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	88.20	Prep Method:	EPA 3550B GCMS	File ID:	E8278.D
Prep Batch:	B5E1406	Sequence:	S5E2206	Analyzed:	05/22/15 16:46
Dilution:	1			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
206-44-0	Fluoranthene	2000	37.8	189	
129-00-0	Pyrene	2260	37.8	189	
85-68-7	Butylbenzylphthalate	ND	37.8	189	U
91-94-1	3,3'-Dichlorobenzidine	ND	94.1	189	U
56-55-3	Benzo[a]anthracene	1210	37.8	189	
117-81-7	bis(2-ethylhexyl)phthalate	ND	37.8	189	U
218-01-9	Chrysene	1250	37.8	189	
117-84-0	Di-n-octyl phthalate	ND	37.8	189	U
205-99-2	Benzo[b]fluoranthene	1960	37.8	189	
207-08-9	Benzo[k]fluoranthene	779	37.8	189	
50-32-8	Benzo[a]pyrene	1340	37.8	189	
193-39-5	Indeno(1,2,3-cd)pyrene	382	37.8	189	
53-70-3	Dibenzo(a,h)anthracene	125	37.8	189	J
191-24-2	Benzo[ghi]perylene	387	37.8	189	

#### Surrogate

#### % Recovery

#### Recovery Limits

2-Fluorophenol	60%	30-130
Phenol-d5	70%	30-130
Nitrobenzene-d5	66%	30-130
2-Fluorobiphenyl	60%	30-130
2,4,6-Tribromophenol	66%	30-130
Terphenyl-d14	74%	30-130

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit





## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-3  
**Lab Sample ID:** 1500778-03  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:50	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	72.80	Prep Method:	EPA 3550B GCMS	File ID:	E8277.D
Prep Batch:	B5E1406	Sequence:	S5E2206	Analyzed:	05/22/15 16:02
Dilution:	1			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	45.7	229	U
108-95-2	Phenol	ND	45.7	229	U
111-44-4	bis(2-chloroethyl)ether	ND	45.7	229	U
95-57-8	2-Chlorophenol	ND	45.7	229	U
541-73-1	1,3-Dichlorobenzene	ND	45.7	229	U
106-46-7	1,4-Dichlorobenzene	ND	45.7	229	U
100-51-6	Benzyl alcohol	ND	45.7	229	U
95-50-1	1,2-Dichlorobenzene	ND	45.7	229	U
95-48-7	2-Methylphenol	ND	45.7	229	U
39638-32-9	bis(2-chloroisopropyl)ether	ND	45.7	229	U
106-44-5	3 & 4-Methylphenol	ND	45.7	229	U
621-64-7	N-Nitroso-di-n-propylamine	ND	45.7	229	U
67-72-1	Hexachloroethane	ND	45.7	229	U
98-95-3	Nitrobenzene	ND	45.7	229	U
78-59-1	Isophorone	ND	45.7	229	U
88-75-5	2-Nitrophenol	ND	45.7	229	U
105-67-9	2,4-Dimethylphenol	ND	45.7	229	U
65-85-0	Benzoic acid	ND	114	457	U
111-91-1	bis(2-chloroethoxy)methane	ND	45.7	229	U
120-83-2	2,4-Dichlorophenol	ND	45.7	229	U
120-82-1	1,2,4-Trichlorobenzene	ND	45.7	229	U
91-20-3	Naphthalene	169	45.7	229	J
106-47-8	4-Chloroaniline	ND	45.7	229	U
87-68-3	Hexachlorobutadiene	ND	45.7	229	U
59-50-7	4-Chloro-3-methylphenol	ND	45.7	229	U
91-57-6	2-Methylnaphthylene	115	45.7	229	J



## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-3  
**Lab Sample ID:** 1500778-03  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled: 05/13/15 10:50	Prep Date: 05/14/15 09:08	Matrix: Soil
Percent Solids: 72.80	Prep Method: EPA 3550B GCMS	File ID: E8277.D
Prep Batch: B5E1406	Sequence: S5E2206	Analyzed: 05/22/15 16:02
Dilution: 1		Analyst: JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
77-47-4	Hexachlorocyclopentadiene	ND	45.7	229	U
88-06-2	2,4,6-Trichlorophenol	ND	45.7	229	U
95-95-4	2,4,5-Trichlorophenol	ND	45.7	229	U
91-58-7	2-Chloronaphthalene	ND	45.7	229	U
88-74-4	2-Nitroaniline	ND	45.7	229	U
131-11-3	Dimethylphthalate	ND	45.7	229	U
208-96-8	Acenaphthylene	ND	45.7	229	U
99-09-2	3-Nitroaniline	ND	45.7	229	U
83-32-9	Acenaphthene	ND	45.7	229	U
51-28-5	2,4-Dinitrophenol	ND	45.7	457	U
100-02-7	4-Nitrophenol	ND	45.7	229	U
132-64-9	Dibenzofuran	ND	45.7	229	U
606-20-2	2,6-Dinitrotoluene	ND	45.7	229	U
121-14-2	2,4-Dinitrotoluene	ND	45.7	229	U
84-66-2	Diethyl phthalate	ND	45.7	229	U
7005-72-3	4-Chlorophenyl-phenylether	ND	45.7	229	U
86-73-7	Fluorene	ND	45.7	229	U
100-01-6	4-Nitroaniline	ND	45.7	229	U
534-52-1	4,6-Dinitro-2-methylphenol	ND	45.7	229	U
86-30-6	N-Nitrosodiphenylamine	ND	45.7	229	U
101-55-3	4-Bromophenyl-phenylether	ND	45.7	229	U
118-74-1	Hexachlorobenzene	ND	45.7	229	U
87-86-5	Pentachlorophenol	ND	45.7	229	U
85-01-8	Phenanthrene	120	45.7	229	J
120-12-7	Anthracene	ND	45.7	229	U
84-74-2	Di-n-butyl phthalate	ND	45.7	229	U





## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-3  
**Lab Sample ID:** 1500778-03  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:50	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	72.80	Prep Method:	EPA 3550B GCMS	File ID:	E8277.D
Prep Batch:	B5E1406	Sequence:	S5E2206	Analyzed:	05/22/15 16:02
Dilution:	1			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
206-44-0	Fluoranthene	200	45.7	229	J
129-00-0	Pyrene	191	45.7	229	J
85-68-7	Butylbenzylphthalate	ND	45.7	229	U
91-94-1	3,3'-Dichlorobenzidine	ND	114	229	U
56-55-3	Benzo[a]anthracene	130	45.7	229	J
117-81-7	bis(2-ethylhexyl)phthalate	ND	45.7	229	U
218-01-9	Chrysene	146	45.7	229	J
117-84-0	Di-n-octyl phthalate	ND	45.7	229	U
205-99-2	Benzo[b]fluoranthene	199	45.7	229	J
207-08-9	Benzo[k]fluoranthene	78.8	45.7	229	J
50-32-8	Benzo[a]pyrene	139	45.7	229	J
193-39-5	Indeno(1,2,3-cd)pyrene	52.7	45.7	229	J
53-70-3	Dibenzo(a,h)anthracene	ND	45.7	229	U
191-24-2	Benzo[ghi]perylene	55.4	45.7	229	J

#### Surrogate

#### % Recovery

#### Recovery Limits

2-Fluorophenol	56%	30-130
Phenol-d5	67%	30-130
Nitrobenzene-d5	55%	30-130
2-Fluorobiphenyl	61%	30-130
2,4,6-Tribromophenol	72%	30-130
Terphenyl-d14	66%	30-130

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-4  
**Lab Sample ID:** 1500778-04  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:00	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	85.10	Prep Method:	EPA 3550B GCMS	File ID:	E8279.D
Prep Batch:	B5E1406	Sequence:	S5E2206	Analyzed:	05/22/15 17:30
Dilution:	1			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	39.1	196	U
108-95-2	Phenol	ND	39.1	196	U
111-44-4	bis(2-chloroethyl)ether	ND	39.1	196	U
95-57-8	2-Chlorophenol	ND	39.1	196	U
541-73-1	1,3-Dichlorobenzene	ND	39.1	196	U
106-46-7	1,4-Dichlorobenzene	ND	39.1	196	U
100-51-6	Benzyl alcohol	ND	39.1	196	U
95-50-1	1,2-Dichlorobenzene	ND	39.1	196	U
95-48-7	2-Methylphenol	ND	39.1	196	U
39638-32-9	bis(2-chloroisopropyl)ether	ND	39.1	196	U
106-44-5	3 & 4-Methylphenol	ND	39.1	196	U
621-64-7	N-Nitroso-di-n-propylamine	ND	39.1	196	U
67-72-1	Hexachloroethane	ND	39.1	196	U
98-95-3	Nitrobenzene	ND	39.1	196	U
78-59-1	Isophorone	ND	39.1	196	U
88-75-5	2-Nitrophenol	ND	39.1	196	U
105-67-9	2,4-Dimethylphenol	ND	39.1	196	U
65-85-0	Benzoic acid	ND	97.5	391	U
111-91-1	bis(2-chloroethoxy)methane	ND	39.1	196	U
120-83-2	2,4-Dichlorophenol	ND	39.1	196	U
120-82-1	1,2,4-Trichlorobenzene	ND	39.1	196	U
91-20-3	Naphthalene	67.8	39.1	196	J
106-47-8	4-Chloroaniline	ND	39.1	196	U
87-68-3	Hexachlorobutadiene	ND	39.1	196	U
59-50-7	4-Chloro-3-methylphenol	ND	39.1	196	U
91-57-6	2-Methylnaphthylene	ND	39.1	196	U





## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-4  
**Lab Sample ID:** 1500778-04  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:00	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	85.10	Prep Method:	EPA 3550B GCMS	File ID:	E8279.D
Prep Batch:	B5E1406	Sequence:	S5E2206	Analyzed:	05/22/15 17:30
Dilution:	1			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
77-47-4	Hexachlorocyclopentadiene	ND	39.1	196	U
88-06-2	2,4,6-Trichlorophenol	ND	39.1	196	U
95-95-4	2,4,5-Trichlorophenol	ND	39.1	196	U
91-58-7	2-Chloronaphthalene	ND	39.1	196	U
88-74-4	2-Nitroaniline	ND	39.1	196	U
131-11-3	Dimethylphthalate	ND	39.1	196	U
208-96-8	Acenaphthylene	127	39.1	196	J
99-09-2	3-Nitroaniline	ND	39.1	196	U
83-32-9	Acenaphthene	104	39.1	196	J
51-28-5	2,4-Dinitrophenol	ND	39.1	391	U
100-02-7	4-Nitrophenol	ND	39.1	196	U
132-64-9	Dibenzofuran	75.2	39.1	196	J
606-20-2	2,6-Dinitrotoluene	ND	39.1	196	U
121-14-2	2,4-Dinitrotoluene	ND	39.1	196	U
84-66-2	Diethyl phthalate	ND	39.1	196	U
7005-72-3	4-Chlorophenyl-phenylether	ND	39.1	196	U
86-73-7	Fluorene	94.0	39.1	196	J
100-01-6	4-Nitroaniline	ND	39.1	196	U
534-52-1	4,6-Dinitro-2-methylphenol	ND	39.1	196	U
86-30-6	N-Nitrosodiphenylamine	ND	39.1	196	U
101-55-3	4-Bromophenyl-phenylether	ND	39.1	196	U
118-74-1	Hexachlorobenzene	ND	39.1	196	U
87-86-5	Pentachlorophenol	ND	39.1	196	U
85-01-8	Phenanthrene	1430	39.1	196	
120-12-7	Anthracene	284	39.1	196	
84-74-2	Di-n-butyl phthalate	ND	39.1	196	U



## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-4  
**Lab Sample ID:** 1500778-04  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:00	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	85.10	Prep Method:	EPA 3550B GCMS	File ID:	E8279.D
Prep Batch:	B5E1406	Sequence:	S5E2206	Analyzed:	05/22/15 17:30
Dilution:	1			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
206-44-0	Fluoranthene	2060	39.1	196	
129-00-0	Pyrene	1780	39.1	196	
85-68-7	Butylbenzylphthalate	ND	39.1	196	U
91-94-1	3,3'-Dichlorobenzidine	ND	97.5	196	U
56-55-3	Benzo[a]anthracene	1030	39.1	196	
117-81-7	bis(2-ethylhexyl)phthalate	ND	39.1	196	U
218-01-9	Chrysene	1120	39.1	196	
117-84-0	Di-n-octyl phthalate	ND	39.1	196	U
205-99-2	Benzo[b]fluoranthene	1600	39.1	196	
207-08-9	Benzo[k]fluoranthene	634	39.1	196	
50-32-8	Benzo[a]pyrene	1050	39.1	196	
193-39-5	Indeno(1,2,3-cd)pyrene	324	39.1	196	
53-70-3	Dibenzo(a,h)anthracene	111	39.1	196	J
191-24-2	Benzo[ghi]perylene	323	39.1	196	

#### Surrogate

#### % Recovery

#### Recovery Limits

2-Fluorophenol	61%	30-130
Phenol-d5	75%	30-130
Nitrobenzene-d5	62%	30-130
2-Fluorobiphenyl	66%	30-130
2,4,6-Tribromophenol	77%	30-130
Terphenyl-d14	69%	30-130

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit





## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-5  
**Lab Sample ID:** 1500778-05  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:53	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 3550B GCMS	File ID:	E8280.D
Prep Batch:	B5E1406	Sequence:	S5E2206	Analyzed:	05/22/15 18:14
Dilution:	1			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	37.8	190	U
108-95-2	Phenol	ND	37.8	190	U
111-44-4	bis(2-chloroethyl)ether	ND	37.8	190	U
95-57-8	2-Chlorophenol	ND	37.8	190	U
541-73-1	1,3-Dichlorobenzene	ND	37.8	190	U
106-46-7	1,4-Dichlorobenzene	ND	37.8	190	U
100-51-6	Benzyl alcohol	ND	37.8	190	U
95-50-1	1,2-Dichlorobenzene	ND	37.8	190	U
95-48-7	2-Methylphenol	ND	37.8	190	U
39638-32-9	bis(2-chloroisopropyl)ether	ND	37.8	190	U
106-44-5	3 & 4-Methylphenol	ND	37.8	190	U
621-64-7	N-Nitroso-di-n-propylamine	ND	37.8	190	U
67-72-1	Hexachloroethane	ND	37.8	190	U
98-95-3	Nitrobenzene	ND	37.8	190	U
78-59-1	Isophorone	ND	37.8	190	U
88-75-5	2-Nitrophenol	ND	37.8	190	U
105-67-9	2,4-Dimethylphenol	ND	37.8	190	U
65-85-0	Benzoic acid	ND	94.3	378	U
111-91-1	bis(2-chloroethoxy)methane	ND	37.8	190	U
120-83-2	2,4-Dichlorophenol	ND	37.8	190	U
120-82-1	1,2,4-Trichlorobenzene	ND	37.8	190	U
91-20-3	Naphthalene	81.8	37.8	190	J
106-47-8	4-Chloroaniline	ND	37.8	190	U
87-68-3	Hexachlorobutadiene	ND	37.8	190	U
59-50-7	4-Chloro-3-methylphenol	ND	37.8	190	U
91-57-6	2-Methylnaphthylene	46.2	37.8	190	J



## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-5  
**Lab Sample ID:** 1500778-05  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:53	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 3550B GCMS	File ID:	E8280.D
Prep Batch:	B5E1406	Sequence:	S5E2206	Analyzed:	05/22/15 18:14
Dilution:	1			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
77-47-4	Hexachlorocyclopentadiene	ND	37.8	190	U
88-06-2	2,4,6-Trichlorophenol	ND	37.8	190	U
95-95-4	2,4,5-Trichlorophenol	ND	37.8	190	U
91-58-7	2-Chloronaphthalene	ND	37.8	190	U
88-74-4	2-Nitroaniline	ND	37.8	190	U
131-11-3	Dimethylphthalate	ND	37.8	190	U
208-96-8	Acenaphthylene	211	37.8	190	
99-09-2	3-Nitroaniline	ND	37.8	190	U
83-32-9	Acenaphthene	252	37.8	190	
51-28-5	2,4-Dinitrophenol	ND	37.8	378	U
100-02-7	4-Nitrophenol	ND	37.8	190	U
132-64-9	Dibenzofuran	128	37.8	190	J
606-20-2	2,6-Dinitrotoluene	ND	37.8	190	U
121-14-2	2,4-Dinitrotoluene	ND	37.8	190	U
84-66-2	Diethyl phthalate	ND	37.8	190	U
7005-72-3	4-Chlorophenyl-phenylether	ND	37.8	190	U
86-73-7	Fluorene	255	37.8	190	
100-01-6	4-Nitroaniline	ND	37.8	190	U
534-52-1	4,6-Dinitro-2-methylphenol	ND	37.8	190	U
86-30-6	N-Nitrosodiphenylamine	ND	37.8	190	U
101-55-3	4-Bromophenyl-phenylether	ND	37.8	190	U
118-74-1	Hexachlorobenzene	ND	37.8	190	U
87-86-5	Pentachlorophenol	ND	37.8	190	U
85-01-8	Phenanthrene	3630	37.8	190	
120-12-7	Anthracene	1010	37.8	190	
84-74-2	Di-n-butyl phthalate	ND	37.8	190	U





## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-5  
**Lab Sample ID:** 1500778-05  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:53	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 3550B GCMS	File ID:	E8280.D
Prep Batch:	B5E1406	Sequence:	S5E2206	Analyzed:	05/22/15 18:14
Dilution:	1			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
206-44-0	Fluoranthene	5290	37.8	190	E
129-00-0	Pyrene	7070	37.8	190	E
85-68-7	Butylbenzylphthalate	ND	37.8	190	U
91-94-1	3,3'-Dichlorobenzidine	ND	94.3	190	U
56-55-3	Benzo[a]anthracene	3250	37.8	190	
117-81-7	bis(2-ethylhexyl)phthalate	49.6	37.8	190	J
218-01-9	Chrysene	3350	37.8	190	
117-84-0	Di-n-octyl phthalate	ND	37.8	190	U
205-99-2	Benzo[b]fluoranthene	5330	37.8	190	E
207-08-9	Benzo[k]fluoranthene	1640	37.8	190	
50-32-8	Benzo[a]pyrene	3240	37.8	190	
193-39-5	Indeno(1,2,3-cd)pyrene	817	37.8	190	
53-70-3	Dibenzo(a,h)anthracene	289	37.8	190	
191-24-2	Benzo[ghi]perylene	946	37.8	190	

#### Surrogate

#### % Recovery

#### Recovery Limits

2-Fluorophenol	71%	30-130
Phenol-d5	83%	30-130
Nitrobenzene-d5	71%	30-130
2-Fluorobiphenyl	72%	30-130
2,4,6-Tribromophenol	75%	30-130
Terphenyl-d14	96%	30-130

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-5  
**Lab Sample ID:** 1500778-05RE1  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:53	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 3550B GCMS	File ID:	E8295.D
Prep Batch:	B5E1406	Sequence:	S5E2610	Analyzed:	05/26/15 16:13
Dilution:	5			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	189	949	U
108-95-2	Phenol	ND	189	949	U
111-44-4	bis(2-chloroethyl)ether	ND	189	949	U
95-57-8	2-Chlorophenol	ND	189	949	U
541-73-1	1,3-Dichlorobenzene	ND	189	949	U
106-46-7	1,4-Dichlorobenzene	ND	189	949	U
100-51-6	Benzyl alcohol	ND	189	949	U
95-50-1	1,2-Dichlorobenzene	ND	189	949	U
95-48-7	2-Methylphenol	ND	189	949	U
39638-32-9	bis(2-chloroisopropyl)ether	ND	189	949	U
106-44-5	3 & 4-Methylphenol	ND	189	949	U
621-64-7	N-Nitroso-di-n-propylamine	ND	189	949	U
67-72-1	Hexachloroethane	ND	189	949	U
98-95-3	Nitrobenzene	ND	189	949	U
78-59-1	Isophorone	ND	189	949	U
88-75-5	2-Nitrophenol	ND	189	949	U
105-67-9	2,4-Dimethylphenol	ND	189	949	U
65-85-0	Benzoic acid	ND	472	1890	U
111-91-1	bis(2-chloroethoxy)methane	ND	189	949	U
120-83-2	2,4-Dichlorophenol	ND	189	949	U
120-82-1	1,2,4-Trichlorobenzene	ND	189	949	U
91-20-3	Naphthalene	ND	189	949	U
106-47-8	4-Chloroaniline	ND	189	949	U
87-68-3	Hexachlorobutadiene	ND	189	949	U
59-50-7	4-Chloro-3-methylphenol	ND	189	949	U
91-57-6	2-Methylnaphthylene	ND	189	949	U



## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-5  
**Lab Sample ID:** 1500778-05RE1  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:53	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 3550B GCMS	File ID:	E8295.D
Prep Batch:	B5E1406	Sequence:	S5E2610	Analyzed:	05/26/15 16:13
Dilution:	5			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
77-47-4	Hexachlorocyclopentadiene	ND	189	949	U
88-06-2	2,4,6-Trichlorophenol	ND	189	949	U
95-95-4	2,4,5-Trichlorophenol	ND	189	949	U
91-58-7	2-Chloronaphthalene	ND	189	949	U
88-74-4	2-Nitroaniline	ND	189	949	U
131-11-3	Dimethylphthalate	ND	189	949	U
208-96-8	Acenaphthylene	220	189	949	J, D
99-09-2	3-Nitroaniline	ND	189	949	U
83-32-9	Acenaphthene	263	189	949	J, D
51-28-5	2,4-Dinitrophenol	ND	189	1890	U
100-02-7	4-Nitrophenol	ND	189	949	U
132-64-9	Dibenzofuran	ND	189	949	U
606-20-2	2,6-Dinitrotoluene	ND	189	949	U
121-14-2	2,4-Dinitrotoluene	ND	189	949	U
84-66-2	Diethyl phthalate	ND	189	949	U
7005-72-3	4-Chlorophenyl-phenylether	ND	189	949	U
86-73-7	Fluorene	267	189	949	J, D
100-01-6	4-Nitroaniline	ND	189	949	U
534-52-1	4,6-Dinitro-2-methylphenol	ND	189	949	U
86-30-6	N-Nitrosodiphenylamine	ND	189	949	U
101-55-3	4-Bromophenyl-phenylether	ND	189	949	U
118-74-1	Hexachlorobenzene	ND	189	949	U
87-86-5	Pentachlorophenol	ND	189	949	U
85-01-8	Phenanthrene	4370	189	949	D
120-12-7	Anthracene	1150	189	949	D
84-74-2	Di-n-butyl phthalate	ND	189	949	U





## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-5  
**Lab Sample ID:** 1500778-05RE1  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:53	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 3550B GCMS	File ID:	E8295.D
Prep Batch:	B5E1406	Sequence:	S5E2610	Analyzed:	05/26/15 16:13
Dilution:	5			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
206-44-0	Fluoranthene	6770	189	949	D
129-00-0	Pyrene	6040	189	949	D
85-68-7	Butylbenzylphthalate	ND	189	949	U
91-94-1	3,3'-Dichlorobenzidine	ND	472	949	U
56-55-3	Benzo[a]anthracene	3500	189	949	D
117-81-7	bis(2-ethylhexyl)phthalate	ND	189	949	U
218-01-9	Chrysene	3590	189	949	D
117-84-0	Di-n-octyl phthalate	ND	189	949	U
205-99-2	Benzo[b]fluoranthene	5190	189	949	D
207-08-9	Benzo[k]fluoranthene	1550	189	949	D
50-32-8	Benzo[a]pyrene	3490	189	949	D
193-39-5	Indeno(1,2,3-cd)pyrene	1000	189	949	D
53-70-3	Dibenzo(a,h)anthracene	331	189	949	D, J
191-24-2	Benzo[ghi]perylene	991	189	949	D

#### Surrogate

#### % Recovery

#### Recovery Limits

2-Fluorophenol	80%	30-130
Phenol-d5	93%	30-130
Nitrobenzene-d5	81%	30-130
2-Fluorobiphenyl	82%	30-130
2,4,6-Tribromophenol	69%	30-130
Terphenyl-d14	75%	30-130

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-6  
**Lab Sample ID:** 1500778-06  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:20	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 3550B GCMS	File ID:	E8281.D
Prep Batch:	B5E1406	Sequence:	S5E2206	Analyzed:	05/22/15 18:57
Dilution:	1			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	37.8	190	U
108-95-2	Phenol	ND	37.8	190	U
111-44-4	bis(2-chloroethyl)ether	ND	37.8	190	U
95-57-8	2-Chlorophenol	ND	37.8	190	U
541-73-1	1,3-Dichlorobenzene	ND	37.8	190	U
106-46-7	1,4-Dichlorobenzene	ND	37.8	190	U
100-51-6	Benzyl alcohol	ND	37.8	190	U
95-50-1	1,2-Dichlorobenzene	ND	37.8	190	U
95-48-7	2-Methylphenol	ND	37.8	190	U
39638-32-9	bis(2-chloroisopropyl)ether	ND	37.8	190	U
106-44-5	3 & 4-Methylphenol	ND	37.8	190	U
621-64-7	N-Nitroso-di-n-propylamine	ND	37.8	190	U
67-72-1	Hexachloroethane	ND	37.8	190	U
98-95-3	Nitrobenzene	ND	37.8	190	U
78-59-1	Isophorone	ND	37.8	190	U
88-75-5	2-Nitrophenol	ND	37.8	190	U
105-67-9	2,4-Dimethylphenol	ND	37.8	190	U
65-85-0	Benzoic acid	ND	94.3	378	U
111-91-1	bis(2-chloroethoxy)methane	ND	37.8	190	U
120-83-2	2,4-Dichlorophenol	ND	37.8	190	U
120-82-1	1,2,4-Trichlorobenzene	ND	37.8	190	U
91-20-3	Naphthalene	51.1	37.8	190	J
106-47-8	4-Chloroaniline	ND	37.8	190	U
87-68-3	Hexachlorobutadiene	ND	37.8	190	U
59-50-7	4-Chloro-3-methylphenol	ND	37.8	190	U
91-57-6	2-Methylnaphthylene	ND	37.8	190	U



## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-6  
**Lab Sample ID:** 1500778-06  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:20	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 3550B GCMS	File ID:	E8281.D
Prep Batch:	B5E1406	Sequence:	S5E2206	Analyzed:	05/22/15 18:57
Dilution:	1			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
77-47-4	Hexachlorocyclopentadiene	ND	37.8	190	U
88-06-2	2,4,6-Trichlorophenol	ND	37.8	190	U
95-95-4	2,4,5-Trichlorophenol	ND	37.8	190	U
91-58-7	2-Chloronaphthalene	ND	37.8	190	U
88-74-4	2-Nitroaniline	ND	37.8	190	U
131-11-3	Dimethylphthalate	ND	37.8	190	U
208-96-8	Acenaphthylene	264	37.8	190	
99-09-2	3-Nitroaniline	ND	37.8	190	U
83-32-9	Acenaphthene	141	37.8	190	J
51-28-5	2,4-Dinitrophenol	ND	37.8	378	U
100-02-7	4-Nitrophenol	ND	37.8	190	U
132-64-9	Dibenzofuran	95.1	37.8	190	J
606-20-2	2,6-Dinitrotoluene	ND	37.8	190	U
121-14-2	2,4-Dinitrotoluene	ND	37.8	190	U
84-66-2	Diethyl phthalate	ND	37.8	190	U
7005-72-3	4-Chlorophenyl-phenylether	ND	37.8	190	U
86-73-7	Fluorene	162	37.8	190	J
100-01-6	4-Nitroaniline	ND	37.8	190	U
534-52-1	4,6-Dinitro-2-methylphenol	ND	37.8	190	U
86-30-6	N-Nitrosodiphenylamine	ND	37.8	190	U
101-55-3	4-Bromophenyl-phenylether	ND	37.8	190	U
118-74-1	Hexachlorobenzene	ND	37.8	190	U
87-86-5	Pentachlorophenol	ND	37.8	190	U
85-01-8	Phenanthrene	2580	37.8	190	
120-12-7	Anthracene	456	37.8	190	
84-74-2	Di-n-butyl phthalate	ND	37.8	190	U





## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-6  
**Lab Sample ID:** 1500778-06  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:20	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 3550B GCMS	File ID:	E8281.D
Prep Batch:	B5E1406	Sequence:	S5E2206	Analyzed:	05/22/15 18:57
Dilution:	1			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
206-44-0	Fluoranthene	3270	37.8	190	
129-00-0	Pyrene	4130	37.8	190	
85-68-7	Butylbenzylphthalate	83.7	37.8	190	J
91-94-1	3,3'-Dichlorobenzidine	ND	94.3	190	U
56-55-3	Benzo[a]anthracene	1630	37.8	190	
117-81-7	bis(2-ethylhexyl)phthalate	120	37.8	190	J
218-01-9	Chrysene	1740	37.8	190	
117-84-0	Di-n-octyl phthalate	ND	37.8	190	U
205-99-2	Benzo[b]fluoranthene	2950	37.8	190	
207-08-9	Benzo[k]fluoranthene	859	37.8	190	
50-32-8	Benzo[a]pyrene	1580	37.8	190	
193-39-5	Indeno(1,2,3-cd)pyrene	531	37.8	190	
53-70-3	Dibenzo(a,h)anthracene	148	37.8	190	J
191-24-2	Benzo[ghi]perylene	547	37.8	190	

#### Surrogate

#### % Recovery

#### Recovery Limits

2-Fluorophenol	58%	30-130
Phenol-d5	72%	30-130
Nitrobenzene-d5	58%	30-130
2-Fluorobiphenyl	62%	30-130
2,4,6-Tribromophenol	66%	30-130
Terphenyl-d14	92%	30-130

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-9  
**Lab Sample ID:** 1500778-09  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 11:27	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	85.30	Prep Method:	EPA 3550B GCMS	File ID:	E8253.D
Prep Batch:	B5E1406	Sequence:	S5E2115	Analyzed:	05/21/15 08:58
Dilution:	1			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	39.0	196	U
108-95-2	Phenol	ND	39.0	196	U
111-44-4	bis(2-chloroethyl)ether	ND	39.0	196	U
95-57-8	2-Chlorophenol	ND	39.0	196	U
541-73-1	1,3-Dichlorobenzene	ND	39.0	196	U
106-46-7	1,4-Dichlorobenzene	ND	39.0	196	U
100-51-6	Benzyl alcohol	ND	39.0	196	U
95-50-1	1,2-Dichlorobenzene	ND	39.0	196	U
95-48-7	2-Methylphenol	ND	39.0	196	U
39638-32-9	bis(2-chloroisopropyl)ether	ND	39.0	196	U
106-44-5	3 & 4-Methylphenol	ND	39.0	196	U
621-64-7	N-Nitroso-di-n-propylamine	ND	39.0	196	U
67-72-1	Hexachloroethane	ND	39.0	196	U
98-95-3	Nitrobenzene	ND	39.0	196	U
78-59-1	Isophorone	ND	39.0	196	U
88-75-5	2-Nitrophenol	ND	39.0	196	U
105-67-9	2,4-Dimethylphenol	ND	39.0	196	U
65-85-0	Benzoic acid	ND	97.3	390	U
111-91-1	bis(2-chloroethoxy)methane	ND	39.0	196	U
120-83-2	2,4-Dichlorophenol	ND	39.0	196	U
120-82-1	1,2,4-Trichlorobenzene	ND	39.0	196	U
91-20-3	Naphthalene	ND	39.0	196	U
106-47-8	4-Chloroaniline	ND	39.0	196	U
87-68-3	Hexachlorobutadiene	ND	39.0	196	U
59-50-7	4-Chloro-3-methylphenol	ND	39.0	196	U
91-57-6	2-Methylnaphthylene	ND	39.0	196	U



## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-9  
**Lab Sample ID:** 1500778-09  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 11:27	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	85.30	Prep Method:	EPA 3550B GCMS	File ID:	E8253.D
Prep Batch:	B5E1406	Sequence:	S5E2115	Analyzed:	05/21/15 08:58
Dilution:	1			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
77-47-4	Hexachlorocyclopentadiene	ND	39.0	196	U
88-06-2	2,4,6-Trichlorophenol	ND	39.0	196	U
95-95-4	2,4,5-Trichlorophenol	ND	39.0	196	U
91-58-7	2-Chloronaphthalene	ND	39.0	196	U
88-74-4	2-Nitroaniline	ND	39.0	196	U
131-11-3	Dimethylphthalate	ND	39.0	196	U
208-96-8	Acenaphthylene	ND	39.0	196	U
99-09-2	3-Nitroaniline	ND	39.0	196	U
83-32-9	Acenaphthene	ND	39.0	196	U
51-28-5	2,4-Dinitrophenol	ND	39.0	390	U
100-02-7	4-Nitrophenol	ND	39.0	196	U
132-64-9	Dibenzofuran	ND	39.0	196	U
606-20-2	2,6-Dinitrotoluene	ND	39.0	196	U
121-14-2	2,4-Dinitrotoluene	ND	39.0	196	U
84-66-2	Diethyl phthalate	ND	39.0	196	U
7005-72-3	4-Chlorophenyl-phenylether	ND	39.0	196	U
86-73-7	Fluorene	ND	39.0	196	U
100-01-6	4-Nitroaniline	ND	39.0	196	U
534-52-1	4,6-Dinitro-2-methylphenol	ND	39.0	196	U
86-30-6	N-Nitrosodiphenylamine	ND	39.0	196	U
101-55-3	4-Bromophenyl-phenylether	ND	39.0	196	U
118-74-1	Hexachlorobenzene	ND	39.0	196	U
87-86-5	Pentachlorophenol	ND	39.0	196	U
85-01-8	Phenanthrene	46.1	39.0	196	J
120-12-7	Anthracene	ND	39.0	196	U
84-74-2	Di-n-butyl phthalate	ND	39.0	196	U





## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-9  
**Lab Sample ID:** 1500778-09  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 11:27	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	85.30	Prep Method:	EPA 3550B GCMS	File ID:	E8253.D
Prep Batch:	B5E1406	Sequence:	S5E2115	Analyzed:	05/21/15 08:58
Dilution:	1			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
206-44-0	Fluoranthene	69.9	39.0	196	J
129-00-0	Pyrene	59.8	39.0	196	J
85-68-7	Butylbenzylphthalate	ND	39.0	196	U
91-94-1	3,3'-Dichlorobenzidine	ND	97.3	196	U
56-55-3	Benzo[a]anthracene	ND	39.0	196	U
117-81-7	bis(2-ethylhexyl)phthalate	ND	39.0	196	U
218-01-9	Chrysene	ND	39.0	196	U
117-84-0	Di-n-octyl phthalate	ND	39.0	196	U
205-99-2	Benzo[b]fluoranthene	ND	39.0	196	U
207-08-9	Benzo[k]fluoranthene	ND	39.0	196	U
50-32-8	Benzo[a]pyrene	ND	39.0	196	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	39.0	196	U
53-70-3	Dibenzo(a,h)anthracene	ND	39.0	196	U
191-24-2	Benzo[ghi]perylene	ND	39.0	196	U

#### Surrogate

#### % Recovery

#### Recovery Limits

2-Fluorophenol	67%	30-130
Phenol-d5	81%	30-130
Nitrobenzene-d5	68%	30-130
2-Fluorobiphenyl	65%	30-130
2,4,6-Tribromophenol	73%	30-130
Terphenyl-d14	66%	30-130

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-10  
**Lab Sample ID:** 1500778-10  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:00	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	83.30	Prep Method:	EPA 3550B GCMS	File ID:	E8271.D
Prep Batch:	B5E1406	Sequence:	S5E2206	Analyzed:	05/22/15 11:41
Dilution:	1			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	40.0	200	U
108-95-2	Phenol	ND	40.0	200	U
111-44-4	bis(2-chloroethyl)ether	ND	40.0	200	U
95-57-8	2-Chlorophenol	ND	40.0	200	U
541-73-1	1,3-Dichlorobenzene	ND	40.0	200	U
106-46-7	1,4-Dichlorobenzene	ND	40.0	200	U
100-51-6	Benzyl alcohol	ND	40.0	200	U
95-50-1	1,2-Dichlorobenzene	ND	40.0	200	U
95-48-7	2-Methylphenol	ND	40.0	200	U
39638-32-9	bis(2-chloroisopropyl)ether	ND	40.0	200	U
106-44-5	3 & 4-Methylphenol	ND	40.0	200	U
621-64-7	N-Nitroso-di-n-propylamine	ND	40.0	200	U
67-72-1	Hexachloroethane	ND	40.0	200	U
98-95-3	Nitrobenzene	ND	40.0	200	U
78-59-1	Isophorone	ND	40.0	200	U
88-75-5	2-Nitrophenol	ND	40.0	200	U
105-67-9	2,4-Dimethylphenol	ND	40.0	200	U
65-85-0	Benzoic acid	ND	99.6	400	U
111-91-1	bis(2-chloroethoxy)methane	ND	40.0	200	U
120-83-2	2,4-Dichlorophenol	ND	40.0	200	U
120-82-1	1,2,4-Trichlorobenzene	ND	40.0	200	U
91-20-3	Naphthalene	ND	40.0	200	U
106-47-8	4-Chloroaniline	ND	40.0	200	U
87-68-3	Hexachlorobutadiene	ND	40.0	200	U
59-50-7	4-Chloro-3-methylphenol	ND	40.0	200	U
91-57-6	2-Methylnaphthylene	ND	40.0	200	U



## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-10  
**Lab Sample ID:** 1500778-10  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:00	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	83.30	Prep Method:	EPA 3550B GCMS	File ID:	E8271.D
Prep Batch:	B5E1406	Sequence:	S5E2206	Analyzed:	05/22/15 11:41
Dilution:	1			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
77-47-4	Hexachlorocyclopentadiene	ND	40.0	200	U
88-06-2	2,4,6-Trichlorophenol	ND	40.0	200	U
95-95-4	2,4,5-Trichlorophenol	ND	40.0	200	U
91-58-7	2-Chloronaphthalene	ND	40.0	200	U
88-74-4	2-Nitroaniline	ND	40.0	200	U
131-11-3	Dimethylphthalate	ND	40.0	200	U
208-96-8	Acenaphthylene	ND	40.0	200	U
99-09-2	3-Nitroaniline	ND	40.0	200	U
83-32-9	Acenaphthene	ND	40.0	200	U
51-28-5	2,4-Dinitrophenol	ND	40.0	400	U
100-02-7	4-Nitrophenol	ND	40.0	200	U
132-64-9	Dibenzofuran	ND	40.0	200	U
606-20-2	2,6-Dinitrotoluene	ND	40.0	200	U
121-14-2	2,4-Dinitrotoluene	ND	40.0	200	U
84-66-2	Diethyl phthalate	ND	40.0	200	U
7005-72-3	4-Chlorophenyl-phenylether	ND	40.0	200	U
86-73-7	Fluorene	ND	40.0	200	U
100-01-6	4-Nitroaniline	ND	40.0	200	U
534-52-1	4,6-Dinitro-2-methylphenol	ND	40.0	200	U
86-30-6	N-Nitrosodiphenylamine	ND	40.0	200	U
101-55-3	4-Bromophenyl-phenylether	ND	40.0	200	U
118-74-1	Hexachlorobenzene	ND	40.0	200	U
87-86-5	Pentachlorophenol	ND	40.0	200	U
85-01-8	Phenanthrene	ND	40.0	200	U
120-12-7	Anthracene	ND	40.0	200	U
84-74-2	Di-n-butyl phthalate	ND	40.0	200	U





## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-10  
**Lab Sample ID:** 1500778-10  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:00	Prep Date:	05/14/15 09:08	Matrix:	Soil
Percent Solids:	83.30	Prep Method:	EPA 3550B GCMS	File ID:	E8271.D
Prep Batch:	B5E1406	Sequence:	S5E2206	Analyzed:	05/22/15 11:41
Dilution:	1			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
206-44-0	Fluoranthene	ND	40.0	200	U
129-00-0	Pyrene	ND	40.0	200	U
85-68-7	Butylbenzylphthalate	ND	40.0	200	U
91-94-1	3,3'-Dichlorobenzidine	ND	99.6	200	U
56-55-3	Benzo[a]anthracene	ND	40.0	200	U
117-81-7	bis(2-ethylhexyl)phthalate	ND	40.0	200	U
218-01-9	Chrysene	ND	40.0	200	U
117-84-0	Di-n-octyl phthalate	ND	40.0	200	U
205-99-2	Benzo[b]fluoranthene	ND	40.0	200	U
207-08-9	Benzo[k]fluoranthene	ND	40.0	200	U
50-32-8	Benzo[a]pyrene	ND	40.0	200	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	40.0	200	U
53-70-3	Dibenzo(a,h)anthracene	ND	40.0	200	U
191-24-2	Benzo[ghi]perylene	ND	40.0	200	U

#### Surrogate

#### % Recovery

#### Recovery Limits

2-Fluorophenol	65%	30-130
Phenol-d5	73%	30-130
Nitrobenzene-d5	66%	30-130
2-Fluorobiphenyl	64%	30-130
2,4,6-Tribromophenol	75%	30-130
Terphenyl-d14	65%	30-130

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** MW-2  
**Lab Sample ID:** 1500778-11  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 12:40	Prep Date:	05/15/15 06:00	Matrix:	Ground Water
Percent Solids:		Prep Method:	EPA 3510C GCMS	File ID:	F10625.D
Prep Batch:	B5E1501	Sequence:	S5E2012	Analyzed:	05/20/15 12:42
Dilution:	1			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	0.549	2.75	U
108-95-2	Phenol	ND	0.549	2.75	U
111-44-4	bis(2-chloroethyl)ether	ND	0.549	2.75	U
95-57-8	2-Chlorophenol	ND	0.549	2.75	U
541-73-1	1,3-Dichlorobenzene	ND	0.549	2.75	U
106-46-7	1,4-Dichlorobenzene	ND	0.549	2.75	U
100-51-6	Benzyl alcohol	ND	0.549	2.75	U
95-50-1	1,2-Dichlorobenzene	ND	0.549	2.75	U
95-48-7	2-Methylphenol	ND	0.549	2.75	U
39638-32-9	bis(2-chloroisopropyl)ether	ND	0.549	2.75	U
106-44-5	3 & 4-Methylphenol	ND	0.549	2.75	U
621-64-7	N-Nitroso-di-n-propylamine	ND	0.549	2.75	U
67-72-1	Hexachloroethane	ND	0.549	2.75	U
98-95-3	Nitrobenzene	ND	0.549	2.75	U
78-59-1	Isophorone	ND	0.549	2.75	U
88-75-5	2-Nitrophenol	ND	0.549	2.75	U
105-67-9	2,4-Dimethylphenol	ND	0.549	2.75	U
65-85-0	Benzoic acid	ND	2.20	5.49	U
111-91-1	bis(2-chloroethoxy)methane	ND	0.549	2.75	U
120-83-2	2,4-Dichlorophenol	ND	0.549	2.75	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.549	2.75	U
91-20-3	Naphthalene	5.25	0.549	2.75	
106-47-8	4-Chloroaniline	ND	0.549	2.75	U
87-68-3	Hexachlorobutadiene	ND	0.549	2.75	U
59-50-7	4-Chloro-3-methylphenol	ND	0.549	2.75	U
91-57-6	2-Methylnaphthylene	14.4	0.549	2.75	



## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** MW-2  
**Lab Sample ID:** 1500778-11  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 12:40	Prep Date:	05/15/15 06:00	Matrix:	Ground Water
Percent Solids:		Prep Method:	EPA 3510C GCMS	File ID:	F10625.D
Prep Batch:	B5E1501	Sequence:	S5E2012	Analyzed:	05/20/15 12:42
Dilution:	1			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
77-47-4	Hexachlorocyclopentadiene	ND	0.549	2.75	U
88-06-2	2,4,6-Trichlorophenol	ND	0.549	2.75	U
95-95-4	2,4,5-Trichlorophenol	ND	0.549	2.75	U
91-58-7	2-Chloronaphthalene	ND	0.549	2.75	U
88-74-4	2-Nitroaniline	ND	0.549	2.75	U
131-11-3	Dimethylphthalate	ND	0.549	2.75	U
208-96-8	Acenaphthylene	ND	0.549	2.75	U
99-09-2	3-Nitroaniline	ND	0.549	2.75	U
83-32-9	Acenaphthene	ND	0.549	2.75	U
51-28-5	2,4-Dinitrophenol	ND	1.10	5.49	U
100-02-7	4-Nitrophenol	ND	0.549	2.75	U
132-64-9	Dibenzofuran	ND	0.549	2.75	U
606-20-2	2,6-Dinitrotoluene	ND	0.549	2.75	U
121-14-2	2,4-Dinitrotoluene	ND	0.549	2.75	U
84-66-2	Diethyl phthalate	ND	0.549	2.75	U
7005-72-3	4-Chlorophenyl-phenylether	ND	0.549	2.75	U
86-73-7	Fluorene	ND	0.549	2.75	U
100-01-6	4-Nitroaniline	ND	0.549	2.75	U
534-52-1	4,6-Dinitro-2-methylphenol	ND	0.549	2.75	U
86-30-6	N-Nitrosodiphenylamine	ND	0.549	2.75	U
101-55-3	4-Bromophenyl-phenylether	ND	0.549	2.75	U
118-74-1	Hexachlorobenzene	ND	0.549	2.75	U
87-86-5	Pentachlorophenol	ND	0.549	2.75	U
85-01-8	Phenanthrene	ND	0.110	2.75	U
120-12-7	Anthracene	ND	0.549	2.75	U
84-74-2	Di-n-butyl phthalate	ND	0.549	2.75	U





## ANALYSIS DATA SHEET

### EPA 8270

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** MW-2  
**Lab Sample ID:** 1500778-11  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 12:40	Prep Date:	05/15/15 06:00	Matrix:	Ground Water
Percent Solids:		Prep Method:	EPA 3510C GCMS	File ID:	F10625.D
Prep Batch:	B5E1501	Sequence:	S5E2012	Analyzed:	05/20/15 12:42
Dilution:	1			Analyst:	JMM

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
206-44-0	Fluoranthene	ND	0.549	2.75	U
129-00-0	Pyrene	ND	0.549	2.75	U
85-68-7	Butylbenzylphthalate	ND	0.549	2.75	U
91-94-1	3,3'-Dichlorobenzidine	ND	0.549	2.75	U
56-55-3	Benzo[a]anthracene	ND	0.110	2.75	U
117-81-7	bis(2-ethylhexyl)phthalate	ND	0.549	2.75	U
218-01-9	Chrysene	ND	0.110	2.75	U
117-84-0	Di-n-octyl phthalate	ND	0.549	2.75	U
205-99-2	Benzo[b]fluoranthene	ND	0.220	2.75	U
207-08-9	Benzo[k]fluoranthene	ND	0.549	2.75	U
50-32-8	Benzo[a]pyrene	ND	0.110	2.75	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.549	2.75	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.220	2.75	U
191-24-2	Benzo[ghi]perylene	ND	0.110	2.75	U

#### Surrogate

#### % Recovery

#### Recovery Limits

2-Fluorophenol	34%	15-110
Phenol-d5	21%	15-110
Nitrobenzene-d5	64%	30-130
2-Fluorobiphenyl	66%	30-130
2,4,6-Tribromophenol	111% *	15-110
Terphenyl-d14	85%	30-130

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit

# VOLATILES SAMPLE DATA



## ANALYSIS DATA SHEET

EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-1  
**Lab Sample ID:** 1500778-01  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:20	Prep Date:	05/19/15 15:57	Matrix:	Soil
Percent Solids:	86.00	Prep Method:	EPA 5035A	File ID:	D11096.D
Prep Batch:	B5E1910	Sequence:	S5E1907	Analyzed:	05/19/15 15:57
Dilution:	1			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
107-02-8	Acrolein	ND	6.71	11.2	U
107-13-1	Acrylonitrile	ND	2.24	11.2	U
67-64-1	Acetone	129	1.12	2.24	
75-71-8	Dichlorodifluoromethane	ND	1.12	2.24	U
74-87-3	Chloromethane	ND	1.12	2.24	U
75-01-4	Vinyl chloride	ND	1.12	2.24	U
74-83-9	Bromomethane	ND	1.12	2.24	U
75-00-3	Chloroethane	ND	1.12	2.24	U
75-69-4	Trichlorofluoromethane	ND	1.12	2.24	U
75-35-4	1,1-Dichloroethene	ND	1.12	2.24	U
75-15-0	Carbon disulfide	ND	1.12	2.24	U
75-09-2	Methylene Chloride	ND	1.12	2.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.12	2.24	U
75-34-3	1,1-Dichloroethane	ND	1.12	2.24	U
108-05-4	Vinyl acetate	ND	1.12	2.24	U
590-20-7	2,2-Dichloropropane	ND	1.12	2.24	U
78-93-3	2-Butanone	20.4	1.12	2.24	
156-59-4	cis-1,2-Dichloroethene	ND	1.12	2.24	U
67-66-3	Chloroform	ND	1.12	2.24	U
74-97-5	Bromochloromethane	ND	1.12	2.24	U
71-55-6	1,1,1-Trichloroethane	ND	1.12	2.24	U
563-58-6	1,1-Dichloropropene	ND	1.12	2.24	U
56-23-5	Carbon Tetrachloride	ND	1.12	2.24	U
107-06-2	1,2-Dichloroethane	ND	1.12	2.24	U
71-43-2	Benzene	ND	1.12	2.24	U
79-01-6	Trichloroethene	ND	1.12	2.24	U





## ANALYSIS DATA SHEET

### EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-1  
**Lab Sample ID:** 1500778-01  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:20	Prep Date:	05/19/15 15:57	Matrix:	Soil
Percent Solids:	86.00	Prep Method:	EPA 5035A	File ID:	D11096.D
Prep Batch:	B5E1910	Sequence:	S5E1907	Analyzed:	05/19/15 15:57
Dilution:	1			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
78-87-5	1,2-Dichloropropane	ND	1.12	2.24	U
75-27-4	Bromodichloromethane	ND	1.12	2.24	U
74-95-3	Dibromomethane	ND	1.12	2.24	U
110-75-8	2-Chloroethyl vinyl ether	ND	1.12	2.24	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.12	2.24	U
108-88-3	Toluene	ND	1.12	2.24	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.12	2.24	U
79-00-5	1,1,2-Trichloroethane	ND	1.12	2.24	U
108-10-1	4-Methyl-2-pentanone	ND	1.12	2.24	U
106-93-4	1,2-Dibromoethane	ND	1.12	2.24	U
591-78-6	2-Hexanone	ND	1.12	2.24	U
142-28-9	1,3-Dichloropropane	ND	1.12	2.24	U
127-18-4	Tetrachloroethene	ND	1.12	2.24	U
124-48-1	Dibromochloromethane	ND	1.12	2.24	U
100-41-4	Ethylbenzene	ND	1.12	2.24	U
108-90-7	Chlorobenzene	ND	1.12	2.24	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.12	2.24	U
108-38-3/106-42	m,p-Xylenes	ND	2.24	4.47	U
95-47-6	o-Xylene	ND	2.24	4.47	U
100-42-5	Styrene	ND	1.12	4.47	U
75-25-2	Bromoform	ND	1.12	2.24	U
98-82-8	Isopropylbenzene	1.80	1.12	2.24	J
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.12	2.24	U
96-18-4	1,2,3-Trichloropropane	ND	1.12	2.24	U
103-65-1	n-Propyl Benzene	1.48	1.12	2.24	J
108-86-1	Bromobenzene	ND	1.12	2.24	U



## ANALYSIS DATA SHEET

### EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-1  
**Lab Sample ID:** 1500778-01  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:20	Prep Date:	05/19/15 15:57	Matrix:	Soil
Percent Solids:	86.00	Prep Method:	EPA 5035A	File ID:	D11096.D
Prep Batch:	B5E1910	Sequence:	S5E1907	Analyzed:	05/19/15 15:57
Dilution:	1			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
108-67-8	1,3,5-Trimethylbenzene	ND	1.12	2.24	U
95-49-8	2-Chlorotoluene	ND	1.12	2.24	U
106-43-4	4-Chlorotoluene	ND	1.12	2.24	U
98-06-6	tert-Butylbenzene	ND	1.12	2.24	U
95-63-6	1,2,4-Trimethylbenzene	ND	1.12	2.24	U
135-98-8	sec-Butylbenzene	ND	1.12	2.24	U
99-87-6	p-Isopropyltoluene	ND	1.12	2.24	U
541-73-1	1,3-Dichlorobenzene	ND	1.12	2.24	U
106-46-7	1,4-Dichlorobenzene	ND	1.12	2.24	U
104-51-8	n-Butyl Benzene	ND	1.12	2.24	U
95-50-1	1,2-Dichlorobenzene	ND	1.12	2.24	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.12	2.24	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.12	2.24	U
87-68-3	Hexachlorobutadiene	ND	1.12	2.24	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.12	2.24	U

Surrogate	% Recovery	Recovery Limits
1,2-Dichloroethane-d4	92%	70-130
Toluene-d8	94%	70-130
Bromofluorobenzene	82%	70-130

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-2  
**Lab Sample ID:** 1500778-02  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 11:15	Prep Date:	05/19/15 16:27	Matrix:	Soil
Percent Solids:	88.20	Prep Method:	EPA 5035A	File ID:	D11097.D
Prep Batch:	B5E1910	Sequence:	S5E1907	Analyzed:	05/19/15 16:27
Dilution:	20			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
107-02-8	Acrolein	ND	136	227	U
107-13-1	Acrylonitrile	ND	45.4	227	U
67-64-1	Acetone	ND	22.7	45.4	U
75-71-8	Dichlorodifluoromethane	ND	22.7	45.4	U
74-87-3	Chloromethane	ND	22.7	45.4	U
75-01-4	Vinyl chloride	ND	22.7	45.4	U
74-83-9	Bromomethane	ND	22.7	45.4	U
75-00-3	Chloroethane	ND	22.7	45.4	U
75-69-4	Trichlorofluoromethane	ND	22.7	45.4	U
75-35-4	1,1-Dichloroethene	ND	22.7	45.4	U
75-15-0	Carbon disulfide	ND	22.7	45.4	U
75-09-2	Methylene Chloride	63.9	22.7	45.4	D
156-60-5	trans-1,2-Dichloroethene	ND	22.7	45.4	U
75-34-3	1,1-Dichloroethane	ND	22.7	45.4	U
108-05-4	Vinyl acetate	ND	22.7	45.4	U
590-20-7	2,2-Dichloropropane	ND	22.7	45.4	U
78-93-3	2-Butanone	ND	22.7	45.4	U
156-59-4	cis-1,2-Dichloroethene	ND	22.7	45.4	U
67-66-3	Chloroform	ND	22.7	45.4	U
74-97-5	Bromochloromethane	ND	22.7	45.4	U
71-55-6	1,1,1-Trichloroethane	ND	22.7	45.4	U
563-58-6	1,1-Dichloropropene	ND	22.7	45.4	U
56-23-5	Carbon Tetrachloride	ND	22.7	45.4	U
107-06-2	1,2-Dichloroethane	ND	22.7	45.4	U
71-43-2	Benzene	ND	22.7	45.4	U
79-01-6	Trichloroethene	ND	22.7	45.4	U





## ANALYSIS DATA SHEET

### EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-2  
**Lab Sample ID:** 1500778-02  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 11:15	Prep Date:	05/19/15 16:27	Matrix:	Soil
Percent Solids:	88.20	Prep Method:	EPA 5035A	File ID:	D11097.D
Prep Batch:	B5E1910	Sequence:	S5E1907	Analyzed:	05/19/15 16:27
Dilution:	20			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
78-87-5	1,2-Dichloropropane	ND	22.7	45.4	U
75-27-4	Bromodichloromethane	ND	22.7	45.4	U
74-95-3	Dibromomethane	ND	22.7	45.4	U
110-75-8	2-Chloroethyl vinyl ether	ND	22.7	45.4	U
10061-01-5	cis-1,3-Dichloropropene	ND	22.7	45.4	U
108-88-3	Toluene	24.0	22.7	45.4	J, D
10061-02-6	trans-1,3-Dichloropropene	ND	22.7	45.4	U
79-00-5	1,1,2-Trichloroethane	ND	22.7	45.4	U
108-10-1	4-Methyl-2-pentanone	ND	22.7	45.4	U
106-93-4	1,2-Dibromoethane	ND	22.7	45.4	U
591-78-6	2-Hexanone	ND	22.7	45.4	U
142-28-9	1,3-Dichloropropane	ND	22.7	45.4	U
127-18-4	Tetrachloroethene	ND	22.7	45.4	U
124-48-1	Dibromochloromethane	ND	22.7	45.4	U
100-41-4	Ethylbenzene	51.2	22.7	45.4	D
108-90-7	Chlorobenzene	ND	22.7	45.4	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	22.7	45.4	U
108-38-3/106-42-2	m,p-Xylenes	161	45.4	90.7	D
95-47-6	o-Xylene	ND	45.4	90.7	U
100-42-5	Styrene	ND	22.7	90.7	U
75-25-2	Bromoform	ND	22.7	45.4	U
98-82-8	Isopropylbenzene	1240	22.7	45.4	D
79-34-5	1,1,2,2-Tetrachloroethane	ND	22.7	45.4	U
96-18-4	1,2,3-Trichloropropane	ND	22.7	45.4	U
103-65-1	n-Propyl Benzene	3180	22.7	45.4	D
108-86-1	Bromobenzene	ND	22.7	45.4	U



## ANALYSIS DATA SHEET

### EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-2  
**Lab Sample ID:** 1500778-02  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 11:15	Prep Date:	05/19/15 16:27	Matrix:	Soil
Percent Solids:	88.20	Prep Method:	EPA 5035A	File ID:	D11097.D
Prep Batch:	B5E1910	Sequence:	S5E1907	Analyzed:	05/19/15 16:27
Dilution:	20			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
108-67-8	1,3,5-Trimethylbenzene	ND	22.7	45.4	U
95-49-8	2-Chlorotoluene	ND	22.7	45.4	U
106-43-4	4-Chlorotoluene	ND	22.7	45.4	U
98-06-6	tert-Butylbenzene	46.5	22.7	45.4	D
95-63-6	1,2,4-Trimethylbenzene	70.3	22.7	45.4	D
135-98-8	sec-Butylbenzene	780	22.7	45.4	D
99-87-6	p-Isopropyltoluene	36.5	22.7	45.4	J, D
541-73-1	1,3-Dichlorobenzene	ND	22.7	45.4	U
106-46-7	1,4-Dichlorobenzene	ND	22.7	45.4	U
104-51-8	n-Butyl Benzene	1430	22.7	45.4	D
95-50-1	1,2-Dichlorobenzene	ND	22.7	45.4	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	22.7	45.4	U
120-82-1	1,2,4-Trichlorobenzene	ND	22.7	45.4	U
87-68-3	Hexachlorobutadiene	ND	22.7	45.4	U
87-61-6	1,2,3-Trichlorobenzene	ND	22.7	45.4	U

Surrogate	% Recovery	Recovery Limits
1,2-Dichloroethane-d4	92%	70-130
Toluene-d8	98%	70-130
Bromofluorobenzene	116%	70-130

\* Values outside of QC limits  
 ND - Indicates compound analyzed for but not detected  
 U - Indicates compound analyzed for but not detected  
 J - Indicates estimated value for TICs and all results when detected below the RL  
 B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard  
 D - Indicates result is based on a dilution  
 P - Greater than 25% diff. between 2 GC columns.  
 MDL - Minimum detection limit  
 RL - Reporting limit



## ANALYSIS DATA SHEET

### EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-3  
**Lab Sample ID:** 1500778-03  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled: 05/13/15 10:50	Prep Date: 05/18/15 22:47	Matrix: Soil
Percent Solids: 72.80	Prep Method: EPA 5035A	File ID: D11081.D
Prep Batch: B5E1816	Sequence: S5E1810	Analyzed: 05/18/15 22:47
Dilution: 1		Analyst: SCS

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
107-02-8	Acrolein	ND	9.16	15.3	U
107-13-1	Acrylonitrile	ND	3.05	15.3	U
67-64-1	Acetone	10.9	1.53	3.05	
75-71-8	Dichlorodifluoromethane	ND	1.53	3.05	U
74-87-3	Chloromethane	ND	1.53	3.05	U
75-01-4	Vinyl chloride	ND	1.53	3.05	U
74-83-9	Bromomethane	ND	1.53	3.05	U
75-00-3	Chloroethane	ND	1.53	3.05	U
75-69-4	Trichlorofluoromethane	ND	1.53	3.05	U
75-35-4	1,1-Dichloroethene	ND	1.53	3.05	U
75-15-0	Carbon disulfide	ND	1.53	3.05	U
75-09-2	Methylene Chloride	ND	1.53	3.05	U
156-60-5	trans-1,2-Dichloroethene	ND	1.53	3.05	U
75-34-3	1,1-Dichloroethane	ND	1.53	3.05	U
108-05-4	Vinyl acetate	ND	1.53	3.05	U
590-20-7	2,2-Dichloropropane	ND	1.53	3.05	U
78-93-3	2-Butanone	ND	1.53	3.05	U
156-59-4	cis-1,2-Dichloroethene	ND	1.53	3.05	U
67-66-3	Chloroform	ND	1.53	3.05	U
74-97-5	Bromochloromethane	ND	1.53	3.05	U
71-55-6	1,1,1-Trichloroethane	ND	1.53	3.05	U
563-58-6	1,1-Dichloropropene	ND	1.53	3.05	U
56-23-5	Carbon Tetrachloride	ND	1.53	3.05	U
107-06-2	1,2-Dichloroethane	ND	1.53	3.05	U
71-43-2	Benzene	96.9	1.53	3.05	
79-01-6	Trichloroethene	ND	1.53	3.05	U





## ANALYSIS DATA SHEET

### EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-3  
**Lab Sample ID:** 1500778-03  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:50	Prep Date:	05/18/15 22:47	Matrix:	Soil
Percent Solids:	72.80	Prep Method:	EPA 5035A	File ID:	D11081.D
Prep Batch:	B5E1816	Sequence:	S5E1810	Analyzed:	05/18/15 22:47
Dilution:	1			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
78-87-5	1,2-Dichloropropane	ND	1.53	3.05	U
75-27-4	Bromodichloromethane	ND	1.53	3.05	U
74-95-3	Dibromomethane	ND	1.53	3.05	U
110-75-8	2-Chloroethyl vinyl ether	ND	1.53	3.05	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.53	3.05	U
108-88-3	Toluene	2.78	1.53	3.05	J
10061-02-6	trans-1,3-Dichloropropene	ND	1.53	3.05	U
79-00-5	1,1,2-Trichloroethane	ND	1.53	3.05	U
108-10-1	4-Methyl-2-pentanone	ND	1.53	3.05	U
106-93-4	1,2-Dibromoethane	ND	1.53	3.05	U
591-78-6	2-Hexanone	ND	1.53	3.05	U
142-28-9	1,3-Dichloropropane	ND	1.53	3.05	U
127-18-4	Tetrachloroethene	ND	1.53	3.05	U
124-48-1	Dibromochloromethane	ND	1.53	3.05	U
100-41-4	Ethylbenzene	1.94	1.53	3.05	J
108-90-7	Chlorobenzene	ND	1.53	3.05	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.53	3.05	U
108-38-3/106-42-1	m,p-Xylenes	11.5	3.05	6.11	
95-47-6	o-Xylene	ND	3.05	6.11	U
100-42-5	Styrene	ND	1.53	6.11	U
75-25-2	Bromoform	ND	1.53	3.05	U
98-82-8	Isopropylbenzene	84.4	1.53	3.05	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.53	3.05	U
96-18-4	1,2,3-Trichloropropane	ND	1.53	3.05	U
103-65-1	n-Propyl Benzene	105	1.53	3.05	
108-86-1	Bromobenzene	ND	1.53	3.05	U



## ANALYSIS DATA SHEET

### EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-3  
**Lab Sample ID:** 1500778-03  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:50	Prep Date:	05/18/15 22:47	Matrix:	Soil
Percent Solids:	72.80	Prep Method:	EPA 5035A	File ID:	D11081.D
Prep Batch:	B5E1816	Sequence:	S5E1810	Analyzed:	05/18/15 22:47
Dilution:	1			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
108-67-8	1,3,5-Trimethylbenzene	ND	1.53	3.05	U
95-49-8	2-Chlorotoluene	ND	1.53	3.05	U
106-43-4	4-Chlorotoluene	ND	1.53	3.05	U
98-06-6	tert-Butylbenzene	ND	1.53	3.05	U
95-63-6	1,2,4-Trimethylbenzene	2.38	1.53	3.05	J
135-98-8	sec-Butylbenzene	22.8	1.53	3.05	
99-87-6	p-Isopropyltoluene	ND	1.53	3.05	U
541-73-1	1,3-Dichlorobenzene	ND	1.53	3.05	U
106-46-7	1,4-Dichlorobenzene	ND	1.53	3.05	U
104-51-8	n-Butyl Benzene	8.64	1.53	3.05	
95-50-1	1,2-Dichlorobenzene	ND	1.53	3.05	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.53	3.05	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.53	3.05	U
87-68-3	Hexachlorobutadiene	ND	1.53	3.05	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.53	3.05	U
	<b>Surrogate</b>	<b>% Recovery</b>	<b>Recovery Limits</b>		
	1,2-Dichloroethane-d4	95%	70-130		
	Toluene-d8	96%	70-130		
	Bromofluorobenzene	80%	70-130		

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-4  
**Lab Sample ID:** 1500778-04  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:00	Prep Date:	05/18/15 20:48	Matrix:	Soil
Percent Solids:	85.10	Prep Method:	EPA 5035A	File ID:	D11077.D
Prep Batch:	B5E1816	Sequence:	S5E1810	Analyzed:	05/18/15 20:48
Dilution:	1			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
107-02-8	Acrolein	ND	9.79	16.3	U
107-13-1	Acrylonitrile	ND	3.26	16.3	U
67-64-1	Acetone	ND	1.63	3.26	U
75-71-8	Dichlorodifluoromethane	ND	1.63	3.26	U
74-87-3	Chloromethane	ND	1.63	3.26	U
75-01-4	Vinyl chloride	ND	1.63	3.26	U
74-83-9	Bromomethane	ND	1.63	3.26	U
75-00-3	Chloroethane	ND	1.63	3.26	U
75-69-4	Trichlorofluoromethane	ND	1.63	3.26	U
75-35-4	1,1-Dichloroethene	ND	1.63	3.26	U
75-15-0	Carbon disulfide	ND	1.63	3.26	U
75-09-2	Methylene Chloride	ND	1.63	3.26	U
156-60-5	trans-1,2-Dichloroethene	ND	1.63	3.26	U
75-34-3	1,1-Dichloroethane	ND	1.63	3.26	U
108-05-4	Vinyl acetate	ND	1.63	3.26	U
590-20-7	2,2-Dichloropropane	ND	1.63	3.26	U
78-93-3	2-Butanone	ND	1.63	3.26	U
156-59-4	cis-1,2-Dichloroethene	ND	1.63	3.26	U
67-66-3	Chloroform	ND	1.63	3.26	U
74-97-5	Bromochloromethane	ND	1.63	3.26	U
71-55-6	1,1,1-Trichloroethane	ND	1.63	3.26	U
563-58-6	1,1-Dichloropropene	ND	1.63	3.26	U
56-23-5	Carbon Tetrachloride	ND	1.63	3.26	U
107-06-2	1,2-Dichloroethane	ND	1.63	3.26	U
71-43-2	Benzene	ND	1.63	3.26	U
79-01-6	Trichloroethene	ND	1.63	3.26	U





## ANALYSIS DATA SHEET

### EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-4  
**Lab Sample ID:** 1500778-04  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:00	Prep Date:	05/18/15 20:48	Matrix:	Soil
Percent Solids:	85.10	Prep Method:	EPA 5035A	File ID:	D11077.D
Prep Batch:	B5E1816	Sequence:	S5E1810	Analyzed:	05/18/15 20:48
Dilution:	1			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
78-87-5	1,2-Dichloropropane	ND	1.63	3.26	U
75-27-4	Bromodichloromethane	ND	1.63	3.26	U
74-95-3	Dibromomethane	ND	1.63	3.26	U
110-75-8	2-Chloroethyl vinyl ether	ND	1.63	3.26	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.63	3.26	U
108-88-3	Toluene	ND	1.63	3.26	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.63	3.26	U
79-00-5	1,1,2-Trichloroethane	ND	1.63	3.26	U
108-10-1	4-Methyl-2-pentanone	ND	1.63	3.26	U
106-93-4	1,2-Dibromoethane	ND	1.63	3.26	U
591-78-6	2-Hexanone	ND	1.63	3.26	U
142-28-9	1,3-Dichloropropane	ND	1.63	3.26	U
127-18-4	Tetrachloroethene	ND	1.63	3.26	U
124-48-1	Dibromochloromethane	ND	1.63	3.26	U
100-41-4	Ethylbenzene	ND	1.63	3.26	U
108-90-7	Chlorobenzene	ND	1.63	3.26	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.63	3.26	U
108-38-3/106-42	m,p-Xylenes	ND	3.26	6.53	U
95-47-6	o-Xylene	ND	3.26	6.53	U
100-42-5	Styrene	ND	1.63	6.53	U
75-25-2	Bromoform	ND	1.63	3.26	U
98-82-8	Isopropylbenzene	ND	1.63	3.26	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.63	3.26	U
96-18-4	1,2,3-Trichloropropane	ND	1.63	3.26	U
103-65-1	n-Propyl Benzene	ND	1.63	3.26	U
108-86-1	Bromobenzene	ND	1.63	3.26	U



## ANALYSIS DATA SHEET

### EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-4  
**Lab Sample ID:** 1500778-04  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:00	Prep Date:	05/18/15 20:48	Matrix:	Soil
Percent Solids:	85.10	Prep Method:	EPA 5035A	File ID:	D11077.D
Prep Batch:	B5E1816	Sequence:	S5E1810	Analyzed:	05/18/15 20:48
Dilution:	1			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
108-67-8	1,3,5-Trimethylbenzene	ND	1.63	3.26	U
95-49-8	2-Chlorotoluene	ND	1.63	3.26	U
106-43-4	4-Chlorotoluene	ND	1.63	3.26	U
98-06-6	tert-Butylbenzene	ND	1.63	3.26	U
95-63-6	1,2,4-Trimethylbenzene	ND	1.63	3.26	U
135-98-8	sec-Butylbenzene	ND	1.63	3.26	U
99-87-6	p-Isopropyltoluene	ND	1.63	3.26	U
541-73-1	1,3-Dichlorobenzene	ND	1.63	3.26	U
106-46-7	1,4-Dichlorobenzene	ND	1.63	3.26	U
104-51-8	n-Butyl Benzene	ND	1.63	3.26	U
95-50-1	1,2-Dichlorobenzene	ND	1.63	3.26	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.63	3.26	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.63	3.26	U
87-68-3	Hexachlorobutadiene	ND	1.63	3.26	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.63	3.26	U
<b>Surrogate</b>		<b>% Recovery</b>	<b>Recovery Limits</b>		
1,2-Dichloroethane-d4		95%	70-130		
Toluene-d8		94%	70-130		
Bromofluorobenzene		78%	70-130		

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-5  
**Lab Sample ID:** 1500778-05  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:53	Prep Date:	05/18/15 21:18	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 5035A	File ID:	D11078.D
Prep Batch:	B5E1816	Sequence:	S5E1810	Analyzed:	05/18/15 21:18
Dilution:	1			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
107-02-8	Acrolein	ND	6.56	10.9	U
107-13-1	Acrylonitrile	ND	2.19	10.9	U
67-64-1	Acetone	5.36	1.09	2.19	
75-71-8	Dichlorodifluoromethane	ND	1.09	2.19	U
74-87-3	Chloromethane	ND	1.09	2.19	U
75-01-4	Vinyl chloride	ND	1.09	2.19	U
74-83-9	Bromomethane	ND	1.09	2.19	U
75-00-3	Chloroethane	ND	1.09	2.19	U
75-69-4	Trichlorofluoromethane	ND	1.09	2.19	U
75-35-4	1,1-Dichloroethene	ND	1.09	2.19	U
75-15-0	Carbon disulfide	ND	1.09	2.19	U
75-09-2	Methylene Chloride	4.23	1.09	2.19	B
156-60-5	trans-1,2-Dichloroethene	ND	1.09	2.19	U
75-34-3	1,1-Dichloroethane	ND	1.09	2.19	U
108-05-4	Vinyl acetate	ND	1.09	2.19	U
590-20-7	2,2-Dichloropropane	ND	1.09	2.19	U
78-93-3	2-Butanone	ND	1.09	2.19	U
156-59-4	cis-1,2-Dichloroethene	ND	1.09	2.19	U
67-66-3	Chloroform	ND	1.09	2.19	U
74-97-5	Bromochloromethane	ND	1.09	2.19	U
71-55-6	1,1,1-Trichloroethane	ND	1.09	2.19	U
563-58-6	1,1-Dichloropropene	ND	1.09	2.19	U
56-23-5	Carbon Tetrachloride	ND	1.09	2.19	U
107-06-2	1,2-Dichloroethane	ND	1.09	2.19	U
71-43-2	Benzene	ND	1.09	2.19	U
79-01-6	Trichloroethene	ND	1.09	2.19	U





## ANALYSIS DATA SHEET

### EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-5  
**Lab Sample ID:** 1500778-05  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:53	Prep Date:	05/18/15 21:18	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 5035A	File ID:	D11078.D
Prep Batch:	B5E1816	Sequence:	S5E1810	Analyzed:	05/18/15 21:18
Dilution:	1			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
78-87-5	1,2-Dichloropropane	ND	1.09	2.19	U
75-27-4	Bromodichloromethane	ND	1.09	2.19	U
74-95-3	Dibromomethane	ND	1.09	2.19	U
110-75-8	2-Chloroethyl vinyl ether	ND	1.09	2.19	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.09	2.19	U
108-88-3	Toluene	ND	1.09	2.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.09	2.19	U
79-00-5	1,1,2-Trichloroethane	ND	1.09	2.19	U
108-10-1	4-Methyl-2-pentanone	ND	1.09	2.19	U
106-93-4	1,2-Dibromoethane	ND	1.09	2.19	U
591-78-6	2-Hexanone	ND	1.09	2.19	U
142-28-9	1,3-Dichloropropane	ND	1.09	2.19	U
127-18-4	Tetrachloroethene	ND	1.09	2.19	U
124-48-1	Dibromochloromethane	ND	1.09	2.19	U
100-41-4	Ethylbenzene	ND	1.09	2.19	U
108-90-7	Chlorobenzene	ND	1.09	2.19	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.09	2.19	U
108-38-3/106-42-1	m,p-Xylenes	ND	2.19	4.37	U
95-47-6	o-Xylene	ND	2.19	4.37	U
100-42-5	Styrene	ND	1.09	4.37	U
75-25-2	Bromoform	ND	1.09	2.19	U
98-82-8	Isopropylbenzene	ND	1.09	2.19	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.09	2.19	U
96-18-4	1,2,3-Trichloropropane	ND	1.09	2.19	U
103-65-1	n-Propyl Benzene	ND	1.09	2.19	U
108-86-1	Bromobenzene	ND	1.09	2.19	U



## ANALYSIS DATA SHEET

### EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-5  
**Lab Sample ID:** 1500778-05  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:53	Prep Date:	05/18/15 21:18	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 5035A	File ID:	D11078.D
Prep Batch:	B5E1816	Sequence:	S5E1810	Analyzed:	05/18/15 21:18
Dilution:	1			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
108-67-8	1,3,5-Trimethylbenzene	ND	1.09	2.19	U
95-49-8	2-Chlorotoluene	ND	1.09	2.19	U
106-43-4	4-Chlorotoluene	ND	1.09	2.19	U
98-06-6	tert-Butylbenzene	ND	1.09	2.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	1.09	2.19	U
135-98-8	sec-Butylbenzene	ND	1.09	2.19	U
99-87-6	p-Isopropyltoluene	ND	1.09	2.19	U
541-73-1	1,3-Dichlorobenzene	ND	1.09	2.19	U
106-46-7	1,4-Dichlorobenzene	ND	1.09	2.19	U
104-51-8	n-Butyl Benzene	ND	1.09	2.19	U
95-50-1	1,2-Dichlorobenzene	ND	1.09	2.19	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.09	2.19	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.09	2.19	U
87-68-3	Hexachlorobutadiene	ND	1.09	2.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.09	2.19	U
<b>Surrogate</b>		<b>% Recovery</b>	<b>Recovery Limits</b>		
1,2-Dichloroethane-d4		94%	70-130		
Toluene-d8		95%	70-130		
Bromofluorobenzene		74%	70-130		

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-6  
**Lab Sample ID:** 1500778-06  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:20	Prep Date:	05/18/15 19:48	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 5035A	File ID:	D11075.D
Prep Batch:	B5E1816	Sequence:	S5E1810	Analyzed:	05/18/15 19:48
Dilution:	1			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
107-02-8	Acrolein	ND	8.12	13.5	U
107-13-1	Acrylonitrile	ND	2.71	13.5	U
67-64-1	Acetone	ND	1.35	2.71	U
75-71-8	Dichlorodifluoromethane	ND	1.35	2.71	U
74-87-3	Chloromethane	ND	1.35	2.71	U
75-01-4	Vinyl chloride	ND	1.35	2.71	U
74-83-9	Bromomethane	ND	1.35	2.71	U
75-00-3	Chloroethane	ND	1.35	2.71	U
75-69-4	Trichlorofluoromethane	ND	1.35	2.71	U
75-35-4	1,1-Dichloroethene	ND	1.35	2.71	U
75-15-0	Carbon disulfide	ND	1.35	2.71	U
75-09-2	Methylene Chloride	ND	1.35	2.71	U
156-60-5	trans-1,2-Dichloroethene	ND	1.35	2.71	U
75-34-3	1,1-Dichloroethane	ND	1.35	2.71	U
108-05-4	Vinyl acetate	ND	1.35	2.71	U
590-20-7	2,2-Dichloropropane	ND	1.35	2.71	U
78-93-3	2-Butanone	ND	1.35	2.71	U
156-59-4	cis-1,2-Dichloroethene	ND	1.35	2.71	U
67-66-3	Chloroform	ND	1.35	2.71	U
74-97-5	Bromochloromethane	ND	1.35	2.71	U
71-55-6	1,1,1-Trichloroethane	ND	1.35	2.71	U
563-58-6	1,1-Dichloropropene	ND	1.35	2.71	U
56-23-5	Carbon Tetrachloride	ND	1.35	2.71	U
107-06-2	1,2-Dichloroethane	ND	1.35	2.71	U
71-43-2	Benzene	ND	1.35	2.71	U
79-01-6	Trichloroethene	ND	1.35	2.71	U





## ANALYSIS DATA SHEET

### EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-6  
**Lab Sample ID:** 1500778-06  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:20	Prep Date:	05/18/15 19:48	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 5035A	File ID:	D11075.D
Prep Batch:	B5E1816	Sequence:	S5E1810	Analyzed:	05/18/15 19:48
Dilution:	1			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
78-87-5	1,2-Dichloropropane	ND	1.35	2.71	U
75-27-4	Bromodichloromethane	ND	1.35	2.71	U
74-95-3	Dibromomethane	ND	1.35	2.71	U
110-75-8	2-Chloroethyl vinyl ether	ND	1.35	2.71	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.35	2.71	U
108-88-3	Toluene	ND	1.35	2.71	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.35	2.71	U
79-00-5	1,1,2-Trichloroethane	ND	1.35	2.71	U
108-10-1	4-Methyl-2-pentanone	ND	1.35	2.71	U
106-93-4	1,2-Dibromoethane	ND	1.35	2.71	U
591-78-6	2-Hexanone	ND	1.35	2.71	U
142-28-9	1,3-Dichloropropane	ND	1.35	2.71	U
127-18-4	Tetrachloroethene	ND	1.35	2.71	U
124-48-1	Dibromochloromethane	ND	1.35	2.71	U
100-41-4	Ethylbenzene	ND	1.35	2.71	U
108-90-7	Chlorobenzene	ND	1.35	2.71	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.35	2.71	U
108-38-3/106-42	m,p-Xylenes	ND	2.71	5.41	U
95-47-6	o-Xylene	ND	2.71	5.41	U
100-42-5	Styrene	ND	1.35	5.41	U
75-25-2	Bromoform	ND	1.35	2.71	U
98-82-8	Isopropylbenzene	ND	1.35	2.71	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.35	2.71	U
96-18-4	1,2,3-Trichloropropane	ND	1.35	2.71	U
103-65-1	n-Propyl Benzene	ND	1.35	2.71	U
108-86-1	Bromobenzene	ND	1.35	2.71	U



## ANALYSIS DATA SHEET

### EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-6  
**Lab Sample ID:** 1500778-06  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:20	Prep Date:	05/18/15 19:48	Matrix:	Soil
Percent Solids:	88.00	Prep Method:	EPA 5035A	File ID:	D11075.D
Prep Batch:	B5E1816	Sequence:	S5E1810	Analyzed:	05/18/15 19:48
Dilution:	1			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
108-67-8	1,3,5-Trimethylbenzene	ND	1.35	2.71	U
95-49-8	2-Chlorotoluene	ND	1.35	2.71	U
106-43-4	4-Chlorotoluene	ND	1.35	2.71	U
98-06-6	tert-Butylbenzene	ND	1.35	2.71	U
95-63-6	1,2,4-Trimethylbenzene	ND	1.35	2.71	U
135-98-8	sec-Butylbenzene	ND	1.35	2.71	U
99-87-6	p-Isopropyltoluene	ND	1.35	2.71	U
541-73-1	1,3-Dichlorobenzene	ND	1.35	2.71	U
106-46-7	1,4-Dichlorobenzene	ND	1.35	2.71	U
104-51-8	n-Butyl Benzene	ND	1.35	2.71	U
95-50-1	1,2-Dichlorobenzene	ND	1.35	2.71	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.35	2.71	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.35	2.71	U
87-68-3	Hexachlorobutadiene	ND	1.35	2.71	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.35	2.71	U

Surrogate	% Recovery	Recovery Limits
1,2-Dichloroethane-d4	96%	70-130
Toluene-d8	93%	70-130
Bromofluorobenzene	75%	70-130

\* Values outside of QC limits  
 ND - Indicates compound analyzed for but not detected  
 U - Indicates compound analyzed for but not detected  
 J - Indicates estimated value for TICs and all results when detected below the RL  
 B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard  
 D - Indicates result is based on a dilution  
 P - Greater than 25% diff. between 2 GC columns.  
 MDL - Minimum detection limit  
 RL - Reporting limit



## ANALYSIS DATA SHEET

### EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-9  
**Lab Sample ID:** 1500778-09  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 11:27	Prep Date:	05/18/15 22:17	Matrix:	Soil
Percent Solids:	85.30	Prep Method:	EPA 5035A	File ID:	D11080.D
Prep Batch:	B5E1816	Sequence:	S5E1810	Analyzed:	05/18/15 22:17
Dilution:	1			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
107-02-8	Acrolein	ND	6.64	11.1	U
107-13-1	Acrylonitrile	ND	2.21	11.1	U
67-64-1	Acetone	9.52	1.11	2.21	
75-71-8	Dichlorodifluoromethane	ND	1.11	2.21	U
74-87-3	Chloromethane	ND	1.11	2.21	U
75-01-4	Vinyl chloride	ND	1.11	2.21	U
74-83-9	Bromomethane	ND	1.11	2.21	U
75-00-3	Chloroethane	ND	1.11	2.21	U
75-69-4	Trichlorofluoromethane	ND	1.11	2.21	U
75-35-4	1,1-Dichloroethene	ND	1.11	2.21	U
75-15-0	Carbon disulfide	ND	1.11	2.21	U
75-09-2	Methylene Chloride	ND	1.11	2.21	U
156-60-5	trans-1,2-Dichloroethene	ND	1.11	2.21	U
75-34-3	1,1-Dichloroethane	ND	1.11	2.21	U
108-05-4	Vinyl acetate	ND	1.11	2.21	U
590-20-7	2,2-Dichloropropane	ND	1.11	2.21	U
78-93-3	2-Butanone	ND	1.11	2.21	U
156-59-4	cis-1,2-Dichloroethene	ND	1.11	2.21	U
67-66-3	Chloroform	ND	1.11	2.21	U
74-97-5	Bromochloromethane	ND	1.11	2.21	U
71-55-6	1,1,1-Trichloroethane	ND	1.11	2.21	U
563-58-6	1,1-Dichloropropene	ND	1.11	2.21	U
56-23-5	Carbon Tetrachloride	ND	1.11	2.21	U
107-06-2	1,2-Dichloroethane	ND	1.11	2.21	U
71-43-2	Benzene	ND	1.11	2.21	U
79-01-6	Trichloroethene	ND	1.11	2.21	U





## ANALYSIS DATA SHEET

### EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-9  
**Lab Sample ID:** 1500778-09  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 11:27	Prep Date:	05/18/15 22:17	Matrix:	Soil
Percent Solids:	85.30	Prep Method:	EPA 5035A	File ID:	D11080.D
Prep Batch:	B5E1816	Sequence:	S5E1810	Analyzed:	05/18/15 22:17
Dilution:	1			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
78-87-5	1,2-Dichloropropane	ND	1.11	2.21	U
75-27-4	Bromodichloromethane	ND	1.11	2.21	U
74-95-3	Dibromomethane	ND	1.11	2.21	U
110-75-8	2-Chloroethyl vinyl ether	ND	1.11	2.21	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.11	2.21	U
108-88-3	Toluene	ND	1.11	2.21	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.11	2.21	U
79-00-5	1,1,2-Trichloroethane	ND	1.11	2.21	U
108-10-1	4-Methyl-2-pentanone	ND	1.11	2.21	U
106-93-4	1,2-Dibromoethane	ND	1.11	2.21	U
591-78-6	2-Hexanone	ND	1.11	2.21	U
142-28-9	1,3-Dichloropropane	ND	1.11	2.21	U
127-18-4	Tetrachloroethene	ND	1.11	2.21	U
124-48-1	Dibromochloromethane	ND	1.11	2.21	U
100-41-4	Ethylbenzene	ND	1.11	2.21	U
108-90-7	Chlorobenzene	ND	1.11	2.21	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.11	2.21	U
108-38-3/106-42-1	m,p-Xylenes	ND	2.21	4.42	U
95-47-6	o-Xylene	ND	2.21	4.42	U
100-42-5	Styrene	ND	1.11	4.42	U
75-25-2	Bromoform	ND	1.11	2.21	U
98-82-8	Isopropylbenzene	9.85	1.11	2.21	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.11	2.21	U
96-18-4	1,2,3-Trichloropropane	ND	1.11	2.21	U
103-65-1	n-Propyl Benzene	1.70	1.11	2.21	J
108-86-1	Bromobenzene	ND	1.11	2.21	U



## ANALYSIS DATA SHEET

### EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-9  
**Lab Sample ID:** 1500778-09  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 11:27	Prep Date:	05/18/15 22:17	Matrix:	Soil
Percent Solids:	85.30	Prep Method:	EPA 5035A	File ID:	D11080.D
Prep Batch:	B5E1816	Sequence:	S5E1810	Analyzed:	05/18/15 22:17
Dilution:	1			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
108-67-8	1,3,5-Trimethylbenzene	ND	1.11	2.21	U
95-49-8	2-Chlorotoluene	ND	1.11	2.21	U
106-43-4	4-Chlorotoluene	ND	1.11	2.21	U
98-06-6	tert-Butylbenzene	ND	1.11	2.21	U
95-63-6	1,2,4-Trimethylbenzene	ND	1.11	2.21	U
135-98-8	sec-Butylbenzene	2.27	1.11	2.21	
99-87-6	p-Isopropyltoluene	ND	1.11	2.21	U
541-73-1	1,3-Dichlorobenzene	ND	1.11	2.21	U
106-46-7	1,4-Dichlorobenzene	ND	1.11	2.21	U
104-51-8	n-Butyl Benzene	ND	1.11	2.21	U
95-50-1	1,2-Dichlorobenzene	ND	1.11	2.21	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.11	2.21	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.11	2.21	U
87-68-3	Hexachlorobutadiene	ND	1.11	2.21	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.11	2.21	U
<b>Surrogate</b>		<b>% Recovery</b>	<b>Recovery Limits</b>		
1,2-Dichloroethane-d4		89%	70-130		
Toluene-d8		96%	70-130		
Bromofluorobenzene		86%	70-130		

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-10  
**Lab Sample ID:** 1500778-10  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:00	Prep Date:	05/18/15 20:18	Matrix:	Soil
Percent Solids:	83.30	Prep Method:	EPA 5035A	File ID:	D11076.D
Prep Batch:	B5E1816	Sequence:	S5E1810	Analyzed:	05/18/15 20:18
Dilution:	1			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
107-02-8	Acrolein	ND	6.43	10.7	U
107-13-1	Acrylonitrile	ND	2.14	10.7	U
67-64-1	Acetone	1.24	1.07	2.14	J
75-71-8	Dichlorodifluoromethane	ND	1.07	2.14	U
74-87-3	Chloromethane	ND	1.07	2.14	U
75-01-4	Vinyl chloride	ND	1.07	2.14	U
74-83-9	Bromomethane	ND	1.07	2.14	U
75-00-3	Chloroethane	ND	1.07	2.14	U
75-69-4	Trichlorofluoromethane	ND	1.07	2.14	U
75-35-4	1,1-Dichloroethene	ND	1.07	2.14	U
75-15-0	Carbon disulfide	ND	1.07	2.14	U
75-09-2	Methylene Chloride	ND	1.07	2.14	U
156-60-5	trans-1,2-Dichloroethene	ND	1.07	2.14	U
75-34-3	1,1-Dichloroethane	ND	1.07	2.14	U
108-05-4	Vinyl acetate	ND	1.07	2.14	U
590-20-7	2,2-Dichloropropane	ND	1.07	2.14	U
78-93-3	2-Butanone	ND	1.07	2.14	U
156-59-4	cis-1,2-Dichloroethene	ND	1.07	2.14	U
67-66-3	Chloroform	ND	1.07	2.14	U
74-97-5	Bromochloromethane	ND	1.07	2.14	U
71-55-6	1,1,1-Trichloroethane	ND	1.07	2.14	U
563-58-6	1,1-Dichloropropene	ND	1.07	2.14	U
56-23-5	Carbon Tetrachloride	ND	1.07	2.14	U
107-06-2	1,2-Dichloroethane	ND	1.07	2.14	U
71-43-2	Benzene	ND	1.07	2.14	U
79-01-6	Trichloroethene	ND	1.07	2.14	U





## ANALYSIS DATA SHEET

### EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-10  
**Lab Sample ID:** 1500778-10  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:00	Prep Date:	05/18/15 20:18	Matrix:	Soil
Percent Solids:	83.30	Prep Method:	EPA 5035A	File ID:	D11076.D
Prep Batch:	B5E1816	Sequence:	S5E1810	Analyzed:	05/18/15 20:18
Dilution:	1			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
78-87-5	1,2-Dichloropropane	ND	1.07	2.14	U
75-27-4	Bromodichloromethane	ND	1.07	2.14	U
74-95-3	Dibromomethane	ND	1.07	2.14	U
110-75-8	2-Chloroethyl vinyl ether	ND	1.07	2.14	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.07	2.14	U
108-88-3	Toluene	ND	1.07	2.14	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.07	2.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.07	2.14	U
108-10-1	4-Methyl-2-pentanone	ND	1.07	2.14	U
106-93-4	1,2-Dibromoethane	ND	1.07	2.14	U
591-78-6	2-Hexanone	ND	1.07	2.14	U
142-28-9	1,3-Dichloropropane	ND	1.07	2.14	U
127-18-4	Tetrachloroethene	ND	1.07	2.14	U
124-48-1	Dibromochloromethane	ND	1.07	2.14	U
100-41-4	Ethylbenzene	ND	1.07	2.14	U
108-90-7	Chlorobenzene	ND	1.07	2.14	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.07	2.14	U
108-38-3/106-42	m,p-Xylenes	ND	2.14	4.29	U
95-47-6	o-Xylene	ND	2.14	4.29	U
100-42-5	Styrene	ND	1.07	4.29	U
75-25-2	Bromoform	ND	1.07	2.14	U
98-82-8	Isopropylbenzene	ND	1.07	2.14	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.07	2.14	U
96-18-4	1,2,3-Trichloropropane	ND	1.07	2.14	U
103-65-1	n-Propyl Benzene	ND	1.07	2.14	U
108-86-1	Bromobenzene	ND	1.07	2.14	U



## ANALYSIS DATA SHEET

### EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-10  
**Lab Sample ID:** 1500778-10  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:00	Prep Date:	05/18/15 20:18	Matrix:	Soil
Percent Solids:	83.30	Prep Method:	EPA 5035A	File ID:	D11076.D
Prep Batch:	B5E1816	Sequence:	S5E1810	Analyzed:	05/18/15 20:18
Dilution:	1			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
108-67-8	1,3,5-Trimethylbenzene	ND	1.07	2.14	U
95-49-8	2-Chlorotoluene	ND	1.07	2.14	U
106-43-4	4-Chlorotoluene	ND	1.07	2.14	U
98-06-6	tert-Butylbenzene	ND	1.07	2.14	U
95-63-6	1,2,4-Trimethylbenzene	ND	1.07	2.14	U
135-98-8	sec-Butylbenzene	ND	1.07	2.14	U
99-87-6	p-Isopropyltoluene	ND	1.07	2.14	U
541-73-1	1,3-Dichlorobenzene	ND	1.07	2.14	U
106-46-7	1,4-Dichlorobenzene	ND	1.07	2.14	U
104-51-8	n-Butyl Benzene	ND	1.07	2.14	U
95-50-1	1,2-Dichlorobenzene	ND	1.07	2.14	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.07	2.14	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.07	2.14	U
87-68-3	Hexachlorobutadiene	ND	1.07	2.14	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.07	2.14	U

**Surrogate**

**% Recovery**

**Recovery Limits**

1,2-Dichloroethane-d4

87%

70-130

Toluene-d8

96%

70-130

Bromofluorobenzene

91%

70-130

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** MW-2  
**Lab Sample ID:** 1500778-11  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 12:40	Prep Date:	05/19/15 14:26	Matrix:	Ground Water
Percent Solids:		Prep Method:	EPA 5030B	File ID:	M16226.D
Prep Batch:	B5E1913	Sequence:	S5E1909	Analyzed:	05/19/15 14:26
Dilution:	1			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
107-02-8	Acrolein	ND	6.00	10.0	U
107-13-1	Acrylonitrile	ND	2.00	10.0	U
67-64-1	Acetone	ND	1.00	1.00	U
75-71-8	Dichlorodifluoromethane	ND	1.00	1.00	U
74-87-3	Chloromethane	ND	1.00	1.00	U
75-01-4	Vinyl chloride	ND	1.00	1.00	U
74-83-9	Bromomethane	ND	1.00	1.00	U
75-00-3	Chloroethane	ND	1.00	1.00	U
75-69-4	Trichlorofluoromethane	ND	1.00	1.00	U
75-35-4	1,1-Dichloroethene	ND	0.400	1.00	U
75-15-0	Carbon disulfide	ND	0.400	1.00	U
75-09-2	Methylene Chloride	ND	0.400	1.00	U
156-60-5	trans-1,2-Dichloroethene	ND	0.400	1.00	U
75-34-3	1,1-Dichloroethane	ND	0.400	1.00	U
108-05-4	Vinyl acetate	ND	0.400	1.00	U
590-20-7	2,2-Dichloropropane	ND	0.400	1.00	U
78-93-3	2-Butanone	ND	0.500	1.00	U
156-59-4	cis-1,2-Dichloroethene	ND	0.500	1.00	U
67-66-3	Chloroform	ND	0.500	1.00	U
74-97-5	Bromochloromethane	ND	0.500	1.00	U
71-55-6	1,1,1-Trichloroethane	ND	0.500	1.00	U
563-58-6	1,1-Dichloropropene	ND	0.500	1.00	U
56-23-5	Carbon Tetrachloride	ND	0.500	1.00	U
107-06-2	1,2-Dichloroethane	ND	0.500	1.00	U
71-43-2	Benzene	17.3	0.500	1.00	
79-01-6	Trichloroethene	ND	0.500	1.00	U





## ANALYSIS DATA SHEET

### EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** MW-2  
**Lab Sample ID:** 1500778-11  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 12:40	Prep Date:	05/19/15 14:26	Matrix:	Ground Water
Percent Solids:		Prep Method:	EPA 5030B	File ID:	M16226.D
Prep Batch:	B5E1913	Sequence:	S5E1909	Analyzed:	05/19/15 14:26
Dilution:	1			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
78-87-5	1,2-Dichloropropane	ND	0.500	1.00	U
75-27-4	Bromodichloromethane	ND	0.500	1.00	U
74-95-3	Dibromomethane	ND	0.500	1.00	U
110-75-8	2-Chloroethyl vinyl ether	ND	0.500	1.00	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.500	1.00	U
108-88-3	Toluene	2.21	0.500	1.00	
10061-02-6	trans-1,3-Dichloropropene	ND	0.500	1.00	U
79-00-5	1,1,2-Trichloroethane	ND	0.500	1.00	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	1.00	U
106-93-4	1,2-Dibromoethane	ND	0.500	1.00	U
591-78-6	2-Hexanone	ND	0.500	1.00	U
142-28-9	1,3-Dichloropropane	ND	0.500	1.00	U
127-18-4	Tetrachloroethene	ND	0.500	1.00	U
124-48-1	Dibromochloromethane	ND	0.500	1.00	U
100-41-4	Ethylbenzene	6.06	0.500	1.00	
108-90-7	Chlorobenzene	ND	0.500	1.00	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.500	1.00	U
108-38-3/106-42-1	m,p-Xylenes	8.25	1.00	2.00	
95-47-6	o-Xylene	2.44	1.00	2.00	
100-42-5	Styrene	ND	1.00	2.00	U
75-25-2	Bromoform	ND	0.500	1.00	U
98-82-8	Isopropylbenzene	170	0.500	1.00	E
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.500	1.00	U
96-18-4	1,2,3-Trichloropropane	ND	0.500	1.00	U
103-65-1	n-Propyl Benzene	383	0.500	1.00	E
108-86-1	Bromobenzene	ND	0.500	1.00	U



## ANALYSIS DATA SHEET

EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** MW-2  
**Lab Sample ID:** 1500778-11  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 12:40	Prep Date:	05/19/15 14:26	Matrix:	Ground Water
Percent Solids:		Prep Method:	EPA 5030B	File ID:	M16226.D
Prep Batch:	B5E1913	Sequence:	S5E1909	Analyzed:	05/19/15 14:26
Dilution:	1			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
108-67-8	1,3,5-Trimethylbenzene	0.740	0.500	1.00	J
95-49-8	2-Chlorotoluene	ND	0.500	1.00	U
106-43-4	4-Chlorotoluene	ND	0.500	1.00	U
98-06-6	tert-Butylbenzene	1.12	0.500	1.00	
95-63-6	1,2,4-Trimethylbenzene	2.14	0.500	1.00	
135-98-8	sec-Butylbenzene	37.2	0.500	1.00	
99-87-6	p-Isopropyltoluene	0.610	0.500	1.00	J
541-73-1	1,3-Dichlorobenzene	ND	0.500	1.00	U
106-46-7	1,4-Dichlorobenzene	ND	0.500	1.00	U
104-51-8	n-Butyl Benzene	43.8	0.500	1.00	
95-50-1	1,2-Dichlorobenzene	ND	0.500	1.00	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.500	1.00	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.500	1.00	U
87-68-3	Hexachlorobutadiene	ND	0.500	1.00	U
87-61-6	1,2,3-Trichlorobenzene	ND	0.500	1.00	U

**Surrogate**

**% Recovery**

**Recovery Limits**

1,2-Dichloroethane-d4

92%

70-130

Toluene-d8

103%

70-130

Bromofluorobenzene

103%

70-130

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** MW-2  
**Lab Sample ID:** 1500778-11RE1  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 12:40	Prep Date:	05/19/15 15:09	Matrix:	Ground Water
Percent Solids:		Prep Method:	EPA 5030B	File ID:	M16227.D
Prep Batch:	B5E1913	Sequence:	S5E1909	Analyzed:	05/19/15 15:09
Dilution:	20			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
107-02-8	Acrolein	ND	120	200	U
107-13-1	Acrylonitrile	ND	40.0	200	U
67-64-1	Acetone	ND	20.0	20.0	U
75-71-8	Dichlorodifluoromethane	ND	20.0	20.0	U
74-87-3	Chloromethane	ND	20.0	20.0	U
75-01-4	Vinyl chloride	ND	20.0	20.0	U
74-83-9	Bromomethane	ND	20.0	20.0	U
75-00-3	Chloroethane	ND	20.0	20.0	U
75-69-4	Trichlorofluoromethane	ND	20.0	20.0	U
75-35-4	1,1-Dichloroethene	ND	8.00	20.0	U
75-15-0	Carbon disulfide	ND	8.00	20.0	U
75-09-2	Methylene Chloride	ND	8.00	20.0	U
156-60-5	trans-1,2-Dichloroethene	ND	8.00	20.0	U
75-34-3	1,1-Dichloroethane	ND	8.00	20.0	U
108-05-4	Vinyl acetate	ND	8.00	20.0	U
590-20-7	2,2-Dichloropropane	ND	8.00	20.0	U
78-93-3	2-Butanone	ND	10.0	20.0	U
156-59-4	cis-1,2-Dichloroethene	ND	10.0	20.0	U
67-66-3	Chloroform	ND	10.0	20.0	U
74-97-5	Bromochloromethane	ND	10.0	20.0	U
71-55-6	1,1,1-Trichloroethane	ND	10.0	20.0	U
563-58-6	1,1-Dichloropropene	ND	10.0	20.0	U
56-23-5	Carbon Tetrachloride	ND	10.0	20.0	U
107-06-2	1,2-Dichloroethane	ND	10.0	20.0	U
71-43-2	Benzene	ND	10.0	20.0	U
79-01-6	Trichloroethene	ND	10.0	20.0	U





## ANALYSIS DATA SHEET

### EPA 8260

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** MW-2  
**Lab Sample ID:** 1500778-11RE1  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 12:40	Prep Date:	05/19/15 15:09	Matrix:	Ground Water
Percent Solids:		Prep Method:	EPA 5030B	File ID:	M16227.D
Prep Batch:	B5E1913	Sequence:	S5E1909	Analyzed:	05/19/15 15:09
Dilution:	20			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
78-87-5	1,2-Dichloropropane	ND	10.0	20.0	U
75-27-4	Bromodichloromethane	ND	10.0	20.0	U
74-95-3	Dibromomethane	ND	10.0	20.0	U
110-75-8	2-Chloroethyl vinyl ether	ND	10.0	20.0	U
10061-01-5	cis-1,3-Dichloropropene	ND	10.0	20.0	U
108-88-3	Toluene	ND	10.0	20.0	U
10061-02-6	trans-1,3-Dichloropropene	ND	10.0	20.0	U
79-00-5	1,1,2-Trichloroethane	ND	10.0	20.0	U
108-10-1	4-Methyl-2-pentanone	ND	10.0	20.0	U
106-93-4	1,2-Dibromoethane	ND	10.0	20.0	U
591-78-6	2-Hexanone	ND	10.0	20.0	U
142-28-9	1,3-Dichloropropane	ND	10.0	20.0	U
127-18-4	Tetrachloroethene	ND	10.0	20.0	U
124-48-1	Dibromochloromethane	ND	10.0	20.0	U
100-41-4	Ethylbenzene	ND	10.0	20.0	U
108-90-7	Chlorobenzene	ND	10.0	20.0	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	10.0	20.0	U
108-38-3/106-42-1	m,p-Xylenes	ND	20.0	40.0	U
95-47-6	o-Xylene	ND	20.0	40.0	U
100-42-5	Styrene	ND	20.0	40.0	U
75-25-2	Bromoform	ND	10.0	20.0	U
98-82-8	Isopropylbenzene	163	10.0	20.0	D
79-34-5	1,1,2,2-Tetrachloroethane	ND	10.0	20.0	U
96-18-4	1,2,3-Trichloropropane	ND	10.0	20.0	U
103-65-1	n-Propyl Benzene	391	10.0	20.0	D
108-86-1	Bromobenzene	ND	10.0	20.0	U



# ANALYSIS DATA SHEET

EPA 8260

Client: **BRINKERHOFF ENVIRONMENTAL**  
 Client Sample ID: **MW-2**  
 Lab Sample ID: **1500778-11RE1**  
 Project: **255 East 138th Street**  
 Work Order: **1500778**

Date Sampled:	05/13/15 12:40	Prep Date:	05/19/15 15:09	Matrix:	Ground Water
Percent Solids:		Prep Method:	EPA 5030B	File ID:	M16227.D
Prep Batch:	B5E1913	Sequence:	S5E1909	Analyzed:	05/19/15 15:09
Dilution:	20			Analyst:	SCS

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
108-67-8	1,3,5-Trimethylbenzene	ND	10.0	20.0	U
95-49-8	2-Chlorotoluene	ND	10.0	20.0	U
106-43-4	4-Chlorotoluene	ND	10.0	20.0	U
98-06-6	tert-Butylbenzene	ND	10.0	20.0	U
95-63-6	1,2,4-Trimethylbenzene	ND	10.0	20.0	U
135-98-8	sec-Butylbenzene	ND	10.0	20.0	U
99-87-6	p-Isopropyltoluene	ND	10.0	20.0	U
541-73-1	1,3-Dichlorobenzene	ND	10.0	20.0	U
106-46-7	1,4-Dichlorobenzene	ND	10.0	20.0	U
104-51-8	n-Butyl Benzene	ND	10.0	20.0	U
95-50-1	1,2-Dichlorobenzene	ND	10.0	20.0	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	10.0	20.0	U
120-82-1	1,2,4-Trichlorobenzene	ND	10.0	20.0	U
87-68-3	Hexachlorobutadiene	ND	10.0	20.0	U
87-61-6	1,2,3-Trichlorobenzene	ND	10.0	20.0	U

## Surrogate

1,2-Dichloroethane-d4

Toluene-d8

Bromofluorobenzene

## % Recovery

97%

100%

102%

## Recovery Limits

70-130

70-130

70-130

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit

# METALS





## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-1  
**Lab Sample ID:** 1500778-01  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:20	Matrix:	Soil
Percent Solids:	86.00	File ID:	051815B-030

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
7429-90-5	Aluminum	5170	23.3	23.3	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7439-97-6	Mercury	1.06	0.0872	0.0872	1		05/21/15 07:48	EPA 7471A	05/21/15 11:27 PRT	EPA 7471
7440-36-0	Antimony	ND	4.65	4.65	1	U	05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-38-2	Arsenic	10.8	1.16	1.16	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-39-3	Barium	189	23.3	23.3	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-41-7	Beryllium	ND	0.581	0.581	1	U	05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-43-9	Cadmium	1.11	0.581	0.581	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-70-2	Calcium	8350	29.1	29.1	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-47-3	Chromium	16.1	2.33	2.33	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-48-4	Cobalt	7.20	5.81	5.81	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-50-8	Copper	182	3.49	3.49	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7439-89-6	Iron	25100	29.1	29.1	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7439-92-1	Lead	887	1.16	1.16	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7439-95-4	Magnesium	3260	58.1	58.1	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7439-96-5	Manganese	341	2.33	2.33	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-02-0	Nickel	19.5	4.65	4.65	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-09-7	Potassium	760	58.1	58.1	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7782-49-2	Selenium	ND	4.65	4.65	1	U	05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-22-4	Silver	ND	0.581	0.581	1	U	05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-23-5	Sodium	77.3	58.1	58.1	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-28-0	Thallium	ND	1.74	3.49	1	U	05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-62-2	Vanadium	25.1	5.81	5.81	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-66-6	Zinc	403	6.98	6.98	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-2  
**Lab Sample ID:** 1500778-02  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled: 05/13/15 11:15	Matrix: Soil
Percent Solids: 88.20	File ID: 051815B-031

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
7429-90-5	Aluminum	6390	22.7	22.7	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7439-97-6	Mercury	0.199	0.0850	0.0850	1		05/21/15 07:48	EPA 7471A	05/21/15 11:29 PRT	EPA 7471
7440-36-0	Antimony	ND	4.54	4.54	1	U	05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-38-2	Arsenic	5.19	1.13	1.13	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-39-3	Barium	79.0	22.7	22.7	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-41-7	Beryllium	ND	0.567	0.567	1	U	05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-43-9	Cadmium	1.18	0.567	0.567	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-70-2	Calcium	8070	28.3	28.3	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-47-3	Chromium	16.9	2.27	2.27	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-48-4	Cobalt	10.2	5.67	5.67	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-50-8	Copper	118	3.40	3.40	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7439-89-6	Iron	31500	709	709	25	D	05/15/15 13:37	EPA 3050B	05/18/15 19:18 LIT	EPA 6010
7439-92-1	Lead	152	1.13	1.13	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7439-95-4	Magnesium	5230	56.7	56.7	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7439-96-5	Manganese	358	2.27	2.27	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-02-0	Nickel	14.9	4.54	4.54	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-09-7	Potassium	2130	56.7	56.7	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7782-49-2	Selenium	ND	4.54	4.54	1	U	05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-22-4	Silver	ND	0.567	0.567	1	U	05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-23-5	Sodium	164	56.7	56.7	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-28-0	Thallium	ND	1.70	3.40	1	U	05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-62-2	Vanadium	36.8	5.67	5.67	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-66-6	Zinc	350	6.80	6.80	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-3  
**Lab Sample ID:** 1500778-03  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled: 05/13/15 10:50	Matrix: Soil
Percent Solids: 72.80	File ID: 051815B-034

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
7429-90-5	Aluminum	7350	27.5	27.5	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7439-97-6	Mercury	ND	0.103	0.103	1	U	05/21/15 07:48	EPA 7471A	05/21/15 11:31 PRT	EPA 7471
7440-36-0	Antimony	ND	5.49	5.49	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-38-2	Arsenic	3.36	1.37	1.37	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-39-3	Barium	43.7	27.5	27.5	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-41-7	Beryllium	ND	0.687	0.687	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-43-9	Cadmium	ND	0.687	0.687	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-70-2	Calcium	5600	34.3	34.3	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-47-3	Chromium	10.0	2.75	2.75	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-48-4	Cobalt	ND	6.87	6.87	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-50-8	Copper	29.8	4.12	4.12	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7439-89-6	Iron	24100	34.3	34.3	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7439-92-1	Lead	56.1	1.37	1.37	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7439-95-4	Magnesium	2730	68.7	68.7	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7439-96-5	Manganese	295	2.75	2.75	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-02-0	Nickel	8.06	5.49	5.49	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-09-7	Potassium	984	68.7	68.7	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7782-49-2	Selenium	ND	5.49	5.49	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-22-4	Silver	ND	0.687	0.687	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-23-5	Sodium	116	68.7	68.7	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-28-0	Thallium	ND	2.06	4.12	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-62-2	Vanadium	22.4	6.87	6.87	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-66-6	Zinc	57.7	8.24	8.24	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit





## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-4  
**Lab Sample ID:** 1500778-04  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled: 05/13/15 09:00	Matrix: Soil
Percent Solids: 85.10	File ID: 051815B-035

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
7429-90-5	Aluminum	8460	23.5	23.5	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7439-97-6	Mercury	0.886	0.0881	0.0881	1		05/21/15 07:48	EPA 7471A	05/21/15 11:33 PRT	EPA 7471
7440-36-0	Antimony	12.1	4.70	4.70	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-38-2	Arsenic	6.62	1.18	1.18	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-39-3	Barium	108	23.5	23.5	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-41-7	Beryllium	ND	0.588	0.588	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-43-9	Cadmium	0.647	0.588	0.588	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-70-2	Calcium	14300	29.4	29.4	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-47-3	Chromium	16.6	2.35	2.35	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-48-4	Cobalt	9.01	5.88	5.88	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-50-8	Copper	182	3.53	3.53	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7439-89-6	Iron	19700	29.4	29.4	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7439-92-1	Lead	535	1.18	1.18	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7439-95-4	Magnesium	9750	58.8	58.8	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7439-96-5	Manganese	415	2.35	2.35	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-02-0	Nickel	15.2	4.70	4.70	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-09-7	Potassium	1180	58.8	58.8	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7782-49-2	Selenium	ND	4.70	4.70	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-22-4	Silver	ND	0.588	0.588	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-23-5	Sodium	87.4	58.8	58.8	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-28-0	Thallium	ND	1.76	3.53	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-62-2	Vanadium	22.7	5.88	5.88	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-66-6	Zinc	433	7.05	7.05	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-5  
**Lab Sample ID:** 1500778-05  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled: 05/13/15 09:53	Matrix: Soil
Percent Solids: 88.00	File ID: 051815B-036

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
7429-90-5	Aluminum	5860	22.7	22.7	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7439-97-6	Mercury	2.62	0.0852	0.0852	1		05/21/15 07:48	EPA 7471A	05/21/15 11:36 PRT	EPA 7471
7440-36-0	Antimony	ND	4.55	4.55	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-38-2	Arsenic	7.70	1.14	1.14	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-39-3	Barium	124	22.7	22.7	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-41-7	Beryllium	ND	0.568	0.568	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-43-9	Cadmium	ND	0.568	0.568	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-70-2	Calcium	26600	28.4	28.4	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-47-3	Chromium	13.2	2.27	2.27	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-48-4	Cobalt	7.36	5.68	5.68	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-50-8	Copper	104	3.41	3.41	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7439-89-6	Iron	16600	28.4	28.4	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7439-92-1	Lead	659	1.14	1.14	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7439-95-4	Magnesium	9070	56.8	56.8	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7439-96-5	Manganese	290	2.27	2.27	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-02-0	Nickel	16.2	4.55	4.55	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-09-7	Potassium	1080	56.8	56.8	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7782-49-2	Selenium	ND	4.55	4.55	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-22-4	Silver	ND	0.568	0.568	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-23-5	Sodium	167	56.8	56.8	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-28-0	Thallium	ND	1.70	3.41	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-62-2	Vanadium	18.6	5.68	5.68	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-66-6	Zinc	289	6.82	6.82	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-6  
**Lab Sample ID:** 1500778-06  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:20	Matrix:	Soil
Percent Solids:	88.00	File ID:	051815B-037

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
7429-90-5	Aluminum	6870	22.7	22.7	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7439-97-6	Mercury	0.815	0.0852	0.0852	1		05/21/15 07:48	EPA 7471A	05/21/15 11:44 PRT	EPA 7471
7440-36-0	Antimony	ND	4.55	4.55	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-38-2	Arsenic	7.96	1.14	1.14	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-39-3	Barium	461	22.7	22.7	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-41-7	Beryllium	ND	0.568	0.568	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-43-9	Cadmium	1.13	0.568	0.568	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-70-2	Calcium	51700	710	710	25	D	05/15/15 13:37	EPA 3050B	05/18/15 19:38 LIT	EPA 6010
7440-47-3	Chromium	30.2	2.27	2.27	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-48-4	Cobalt	7.01	5.68	5.68	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-50-8	Copper	47.1	3.41	3.41	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7439-89-6	Iron	15300	28.4	28.4	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7439-92-1	Lead	675	1.14	1.14	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7439-95-4	Magnesium	15400	56.8	56.8	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7439-96-5	Manganese	309	2.27	2.27	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-02-0	Nickel	20.2	4.55	4.55	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-09-7	Potassium	2000	56.8	56.8	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7782-49-2	Selenium	ND	4.55	4.55	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-22-4	Silver	ND	0.568	0.568	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-23-5	Sodium	248	56.8	56.8	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-28-0	Thallium	ND	1.70	3.41	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-62-2	Vanadium	27.4	5.68	5.68	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-66-6	Zinc	627	6.82	6.82	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit





## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-9  
**Lab Sample ID:** 1500778-09  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled: 05/13/15 11:27	Matrix: Soil
Percent Solids: 85.30	File ID: 051815B-038

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
7429-90-5	Aluminum	8840	23.4	23.4	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7439-97-6	Mercury	ND	0.0879	0.0879	1	U	05/21/15 07:48	EPA 7471A	05/21/15 11:46 PRT	EPA 7471
7440-36-0	Antimony	ND	4.69	4.69	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-38-2	Arsenic	1.55	1.17	1.17	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-39-3	Barium	58.2	23.4	23.4	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-41-7	Beryllium	ND	0.586	0.586	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-43-9	Cadmium	ND	0.586	0.586	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-70-2	Calcium	3870	29.3	29.3	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-47-3	Chromium	17.9	2.34	2.34	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-48-4	Cobalt	8.77	5.86	5.86	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-50-8	Copper	16.6	3.52	3.52	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7439-89-6	Iron	14700	29.3	29.3	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7439-92-1	Lead	6.01	1.17	1.17	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7439-95-4	Magnesium	6530	58.6	58.6	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7439-96-5	Manganese	293	2.34	2.34	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-02-0	Nickel	14.3	4.69	4.69	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-09-7	Potassium	1900	58.6	58.6	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7782-49-2	Selenium	ND	4.69	4.69	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-22-4	Silver	ND	0.586	0.586	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-23-5	Sodium	69.5	58.6	58.6	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-28-0	Thallium	ND	1.76	3.52	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-62-2	Vanadium	24.4	5.86	5.86	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-66-6	Zinc	44.7	7.03	7.03	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-10  
**Lab Sample ID:** 1500778-10  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled: 05/13/15 10:00	Matrix: Soil
Percent Solids: 83.30	File ID: 051815B-039

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
7429-90-5	Aluminum	4600	24.0	24.0	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7439-97-6	Mercury	ND	0.0900	0.0900	1	U	05/21/15 07:48	EPA 7471A	05/21/15 11:48 PRT	EPA 7471
7440-36-0	Antimony	ND	4.80	4.80	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-38-2	Arsenic	ND	1.20	1.20	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-39-3	Barium	38.3	24.0	24.0	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-41-7	Beryllium	ND	0.600	0.600	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-43-9	Cadmium	ND	0.600	0.600	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-70-2	Calcium	21000	30.0	30.0	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-47-3	Chromium	10.3	2.40	2.40	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-48-4	Cobalt	ND	6.00	6.00	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-50-8	Copper	10.1	3.60	3.60	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7439-89-6	Iron	7760	30.0	30.0	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7439-92-1	Lead	18.5	1.20	1.20	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7439-95-4	Magnesium	12500	60.0	60.0	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7439-96-5	Manganese	179	2.40	2.40	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-02-0	Nickel	7.37	4.80	4.80	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-09-7	Potassium	958	60.0	60.0	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7782-49-2	Selenium	ND	4.80	4.80	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-22-4	Silver	ND	0.600	0.600	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-23-5	Sodium	78.0	60.0	60.0	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-28-0	Thallium	ND	1.80	3.60	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-62-2	Vanadium	14.5	6.00	6.00	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-66-6	Zinc	33.2	7.20	7.20	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** MW-2  
**Lab Sample ID:** 1500778-11  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 12:40	Matrix:	Ground Water
Percent Solids:		File ID:	051415B-012

CAS NO.	Analyte	Concentration (ug/L)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
7429-90-5	Aluminum	ND	200	200	1	U	05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7439-97-6	Mercury	0.742	0.500	0.500	1		05/18/15 08:14	EPA 7470A	05/18/15 13:29 PRT	EPA 7470
7440-36-0	Antimony	ND	5.00	5.00	1	U	05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-38-2	Arsenic	5.07	3.00	3.00	1		05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-39-3	Barium	57.8	20.0	20.0	1		05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-41-7	Beryllium	ND	1.00	1.00	1	U	05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-43-9	Cadmium	ND	4.00	4.00	1	U	05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-70-2	Calcium	36900	1000	1000	1		05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-47-3	Chromium	ND	10.0	10.0	1	U	05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-48-4	Cobalt	ND	20.0	20.0	1	U	05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-50-8	Copper	ND	8.00	8.00	1	U	05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7439-89-6	Iron	12300	300	300	1		05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7439-92-1	Lead	5.94	5.00	5.00	1		05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7439-95-4	Magnesium	7900	1000	1000	1		05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7439-96-5	Manganese	287	20.0	20.0	1		05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-02-0	Nickel	ND	10.0	10.0	1	U	05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-09-7	Potassium	6340	1000	1000	1		05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7782-49-2	Selenium	ND	20.0	20.0	1	U	05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-22-4	Silver	ND	4.00	4.00	1	U	05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-23-5	Sodium	16800	1000	1000	1		05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-28-0	Thallium	ND	2.00	2.00	1	U	05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-62-2	Vanadium	ND	20.0	20.0	1	U	05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-66-6	Zinc	ND	25.0	25.0	1	U	05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



# METALS DISSOLVED



## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** MW-2  
**Lab Sample ID:** 1500778-11  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled: 05/13/15 12:40	Matrix: Ground Water
Percent Solids:	File ID: 051515A-018

CAS NO.	Analyte	Concentration (ug/L)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
7439-89-6	Iron (diss)	11800	300	300	1		05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7439-96-5	Manganese (diss)	269	20.0	20.0	1		05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7440-02-0	Nickel (diss)	ND	20.0	20.0	1	U	05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7440-09-7	Potassium (diss)	5840	1000	1000	1		05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7440-22-4	Silver (diss)	ND	5.00	5.00	1	U	05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7440-23-5	Sodium (diss)	15800	1000	1000	1		05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7440-36-0	Antimony (diss)	ND	5.00	5.00	1	U	05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7440-38-2	Arsenic (diss)	4.52	3.00	3.00	1		05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7440-39-3	Barium (diss)	56.8	20.0	20.0	1		05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7440-41-7	Beryllium (diss)	ND	1.00	1.00	1	U	05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7440-47-3	Chromium (diss)	ND	20.0	20.0	1	U	05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7440-48-4	Cobalt (diss)	ND	20.0	20.0	1	U	05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7440-62-2	Vanadium (diss)	ND	20.0	20.0	1	U	05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7440-70-2	Calcium (diss)	33800	1000	1000	1		05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7782-49-2	Selenium (diss)	ND	20.0	20.0	1	U	05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7440-28-0	Thallium (diss)	ND	2.00	2.00	1	U	05/14/15 14:07	EPA 3005A	05/15/15 13:28 LIT	EPA 6010
7429-90-5	Aluminum (diss)	ND	200	200	1	U	05/14/15 14:07	EPA 3005A	05/18/15 14:20 LIT	EPA 6010
7439-95-4	Magnesium (diss)	7110	1000	1000	1		05/14/15 14:07	EPA 3005A	05/18/15 14:20 LIT	EPA 6010
7440-50-8	Copper (diss)	ND	20.0	20.0	1	U	05/14/15 14:07	EPA 3005A	05/18/15 14:20 LIT	EPA 6010
7440-66-6	Zinc (diss)	ND	50.0	50.0	1	U	05/14/15 14:07	EPA 3005A	05/18/15 14:20 LIT	EPA 6010
7439-97-6	Dissolved Mercury	ND	0.500	0.500	1	U	05/18/15 09:34	EPA 7470A	05/18/15 14:30 PRT	EPA 7470
7440-43-9	Cadmium (diss)	ND	4.00	4.00	1	U	05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7439-92-1	Lead (diss)	ND	5.00	5.00	1	U	05/14/15 14:07	EPA 3005A	05/18/15 14:20 LIT	EPA 6010

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit

# TCLP METALS





## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-1  
**Lab Sample ID:** 1500778-01  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:20	Matrix:	Soil
Percent Solids:	86.00	File ID:	052015C-016

#### Metals TCLP Analysis, TCLP Leachate SW846 1311

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
7439-92-1	TCLP Lead	2.30	0.250	0.250	1		05/19/15 13:03	EPA 3010A	05/20/15 23:30 LIT	1311/6010
7440-22-4	TCLP Silver	ND	0.0250	0.0250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:30 LIT	1311/6010
7440-38-2	TCLP Arsenic	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:30 LIT	1311/6010
7440-39-3	TCLP Barium	0.999	0.500	0.500	1		05/19/15 13:03	EPA 3010A	05/20/15 23:30 LIT	1311/6010
7440-43-9	TCLP Cadmium	ND	0.0250	0.0250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:30 LIT	1311/6010
7440-47-3	TCLP Chromium	ND	0.100	0.100	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:30 LIT	1311/6010
7782-49-2	TCLP Selenium	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:30 LIT	1311/6010
7439-97-6	TCLP Mercury	ND	0.00500	0.00500	1	U	05/20/15 07:38	EPA 7470A	05/20/15 14:51 PRT	1311/7470

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-2  
**Lab Sample ID:** 1500778-02  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 11:15	Matrix:	Soil
Percent Solids:	88.20	File ID:	052015C-017

#### Metals TCLP Analysis, TCLP Leachate SW846 1311

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
7439-92-1	TCLP Lead	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:36 LIT	1311/6010
7440-22-4	TCLP Silver	ND	0.0250	0.0250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:36 LIT	1311/6010
7440-38-2	TCLP Arsenic	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:36 LIT	1311/6010
7440-39-3	TCLP Barium	0.688	0.500	0.500	1		05/19/15 13:03	EPA 3010A	05/20/15 23:36 LIT	1311/6010
7440-43-9	TCLP Cadmium	ND	0.0250	0.0250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:36 LIT	1311/6010
7440-47-3	TCLP Chromium	ND	0.100	0.100	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:36 LIT	1311/6010
7782-49-2	TCLP Selenium	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:36 LIT	1311/6010
7439-97-6	TCLP Mercury	ND	0.00500	0.00500	1	U	05/20/15 07:38	EPA 7470A	05/20/15 14:53 PRT	1311/7470

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-3  
**Lab Sample ID:** 1500778-03  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled: 05/13/15 10:50	Matrix: Soil
Percent Solids: 72.80	File ID: 052015C-018

#### Metals TCLP Analysis, TCLP Leachate SW846 1311

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
7439-92-1	TCLP Lead	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:41 LIT	1311/6010
7440-22-4	TCLP Silver	ND	0.0250	0.0250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:41 LIT	1311/6010
7440-38-2	TCLP Arsenic	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:41 LIT	1311/6010
7440-39-3	TCLP Barium	ND	0.500	0.500	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:41 LIT	1311/6010
7440-43-9	TCLP Cadmium	ND	0.0250	0.0250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:41 LIT	1311/6010
7440-47-3	TCLP Chromium	ND	0.100	0.100	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:41 LIT	1311/6010
7782-49-2	TCLP Selenium	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:41 LIT	1311/6010
7439-97-6	TCLP Mercury	ND	0.00500	0.00500	1	U	05/20/15 07:38	EPA 7470A	05/20/15 14:55 PRT	1311/7470

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit





## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-4  
**Lab Sample ID:** 1500778-04  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:00	Matrix:	Soil
Percent Solids:	85.10	File ID:	052015C-019

#### Metals TCLP Analysis, TCLP Leachate SW846 1311

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
7439-92-1	TCLP Lead	1.09	0.250	0.250	1		05/19/15 13:03	EPA 3010A	05/20/15 23:46 LIT	1311/6010
7440-22-4	TCLP Silver	ND	0.0250	0.0250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:46 LIT	1311/6010
7440-38-2	TCLP Arsenic	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:46 LIT	1311/6010
7440-39-3	TCLP Barium	0.666	0.500	0.500	1		05/19/15 13:03	EPA 3010A	05/20/15 23:46 LIT	1311/6010
7440-43-9	TCLP Cadmium	ND	0.0250	0.0250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:46 LIT	1311/6010
7440-47-3	TCLP Chromium	ND	0.100	0.100	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:46 LIT	1311/6010
7782-49-2	TCLP Selenium	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:46 LIT	1311/6010
7439-97-6	TCLP Mercury	ND	0.00500	0.00500	1	U	05/20/15 07:38	EPA 7470A	05/20/15 15:04 PRT	1311/7470

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-5  
**Lab Sample ID:** 1500778-05  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:53	Matrix:	Soil
Percent Solids:	88.00	File ID:	052015C-022

#### Metals TCLP Analysis, TCLP Leachate SW846 1311

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
7439-92-1	TCLP Lead	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/21/15 00:02 LIT	1311/6010
7440-22-4	TCLP Silver	ND	0.0250	0.0250	1	U	05/19/15 13:03	EPA 3010A	05/21/15 00:02 LIT	1311/6010
7440-38-2	TCLP Arsenic	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/21/15 00:02 LIT	1311/6010
7440-39-3	TCLP Barium	0.650	0.500	0.500	1		05/19/15 13:03	EPA 3010A	05/21/15 00:02 LIT	1311/6010
7440-43-9	TCLP Cadmium	ND	0.0250	0.0250	1	U	05/19/15 13:03	EPA 3010A	05/21/15 00:02 LIT	1311/6010
7440-47-3	TCLP Chromium	ND	0.100	0.100	1	U	05/19/15 13:03	EPA 3010A	05/21/15 00:02 LIT	1311/6010
7782-49-2	TCLP Selenium	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/21/15 00:02 LIT	1311/6010
7439-97-6	TCLP Mercury	ND	0.00500	0.00500	1	U	05/20/15 07:38	EPA 7470A	05/20/15 15:06 PRT	1311/7470

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-6  
**Lab Sample ID:** 1500778-06  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:20	Matrix:	Soil
Percent Solids:	88.00	File ID:	052015C-023

#### Metals TCLP Analysis, TCLP Leachate SW846 1311

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
7439-92-1	TCLP Lead	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/21/15 00:07 LIT	1311/6010
7440-22-4	TCLP Silver	ND	0.0250	0.0250	1	U	05/19/15 13:03	EPA 3010A	05/21/15 00:07 LIT	1311/6010
7440-38-2	TCLP Arsenic	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/21/15 00:07 LIT	1311/6010
7440-39-3	TCLP Barium	ND	0.500	0.500	1	U	05/19/15 13:03	EPA 3010A	05/21/15 00:07 LIT	1311/6010
7440-43-9	TCLP Cadmium	ND	0.0250	0.0250	1	U	05/19/15 13:03	EPA 3010A	05/21/15 00:07 LIT	1311/6010
7440-47-3	TCLP Chromium	ND	0.100	0.100	1	U	05/19/15 13:03	EPA 3010A	05/21/15 00:07 LIT	1311/6010
7782-49-2	TCLP Selenium	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/21/15 00:07 LIT	1311/6010
7439-97-6	TCLP Mercury	ND	0.00500	0.00500	1	U	05/20/15 07:38	EPA 7470A	05/20/15 15:08 PRT	1311/7470

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



# WET CHEMISTRY



## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-1  
**Lab Sample ID:** 1500778-01  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:20	Matrix:	Soil
Percent Solids:	86.00	File ID:	

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Cyanide (total)	2.33	1.16	1.16	1		05/22/15 10:58	EPA 9010C	05/26/15 15:43 RMK	EPA 9014

CAS NO.	Analyte	Concentration	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Free Liquid	No Free Liquids Present	1.00	1.00	1	U	05/19/15 11:00	By Method	05/19/15 11:05 CLD	EPA 9095

CAS NO.	Analyte	Concentration (%)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Percent Solids	86.0	0.100	0.100	1		05/14/15 15:32	Percent Solids	05/15/15 10:30 CLD	SM 2540 G

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-2  
**Lab Sample ID:** 1500778-02  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 11:15	Matrix:	Soil
Percent Solids:	88.20	File ID:	

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Cyanide (total)	ND	1.13	1.13	1	U	05/22/15 10:58	EPA 9010C	05/26/15 15:43 RMK	EPA 9014

CAS NO.	Analyte	Concentration	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Free Liquid	No Free Liquids Present	1.00	1.00	1	U	05/19/15 11:07	By Method	05/19/15 11:12 CLD	EPA 9095

CAS NO.	Analyte	Concentration (%)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Percent Solids	88.2	0.100	0.100	1		05/14/15 15:32	Percent Solids	05/15/15 10:30 CLD	SM 2540 G

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit





## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-3  
**Lab Sample ID:** 1500778-03  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:50	Matrix:	Soil
Percent Solids:	72.80	File ID:	

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Cyanide (total)	ND	1.37	1.37	1	U	05/22/15 10:58	EPA 9010C	05/26/15 15:43 RMK	EPA 9014

CAS NO.	Analyte	Concentration	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Free Liquid	No Free Liquids Present	1.00	1.00	1	U	05/19/15 11:13	By Method	05/19/15 11:18 CLD	EPA 9095

CAS NO.	Analyte	Concentration (%)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Percent Solids	72.8	0.100	0.100	1		05/14/15 15:32	Percent Solids	05/15/15 10:30 CLD	SM 2540 G

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-4  
**Lab Sample ID:** 1500778-04  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:00	Matrix:	Soil
Percent Solids:	85.10	File ID:	

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Cyanide (total)	ND	1.18	1.18	1	U	05/22/15 10:58	EPA 9010C	05/26/15 15:43 RMK	EPA 9014

CAS NO.	Analyte	Concentration	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Free Liquid	No Free Liquids Present	1.00	1.00	1	U	05/19/15 11:20	By Method	05/19/15 11:25 CLD	EPA 9095

CAS NO.	Analyte	Concentration (%)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Percent Solids	85.1	0.100	0.100	1		05/14/15 15:32	Percent Solids	05/15/15 10:30 CLD	SM 2540 G

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-5  
**Lab Sample ID:** 1500778-05  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:53	Matrix:	Soil
Percent Solids:	88.00	File ID:	

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Cyanide (total)	ND	1.14	1.14	1	U	05/22/15 10:58	EPA 9010C	05/26/15 15:43 RMK	EPA 9014

CAS NO.	Analyte	Concentration	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Free Liquid	No Free Liquids Present	1.00	1.00	1	U	05/19/15 11:25	By Method	05/19/15 11:30 CLD	EPA 9095

CAS NO.	Analyte	Concentration (%)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Percent Solids	88.0	0.100	0.100	1		05/14/15 15:32	Percent Solids	05/15/15 10:30 CLD	SM 2540 G

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit





## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-6  
**Lab Sample ID:** 1500778-06  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:20	Matrix:	Soil
Percent Solids:	88.00	File ID:	

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Cyanide (total)	ND	1.14	1.14	1	U	05/22/15 10:58	EPA 9010C	05/26/15 15:43 RMK	EPA 9014

CAS NO.	Analyte	Concentration	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Free Liquid	No Free Liquids Present	1.00	1.00	1	U	05/19/15 11:32	By Method	05/19/15 11:37 CLD	EPA 9095

CAS NO.	Analyte	Concentration (%)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Percent Solids	88.0	0.100	0.100	1		05/14/15 15:32	Percent Solids	05/15/15 10:30 CLD	SM 2540 G

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-7  
**Lab Sample ID:** 1500778-07  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 11:22	Matrix:	Soil
Percent Solids:	90.20	File ID:	

CAS NO.	Analyte	Concentration (pH Units)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	pH	7.91			1		05/19/15 11:00	By Method	05/19/15 12:00 CLD	EPA 9045

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Cyanide (reactive)	ND	0.222	0.222	1	U	05/15/15 09:16	By Method	05/15/15 16:44 NNM	EPA 9014
NA	Sulfide (reactive)	ND	22.2	22.2	1	U	05/15/15 09:18	By Method	05/15/15 14:15 CLD	EPA 9031

CAS NO.	Analyte	Concentration (°F)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Flashpoint	>200	80.0	80.0	1		05/26/15 11:04	By Method	05/26/15 14:09 CLD	EPA 1010

CAS NO.	Analyte	Concentration (%)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Percent Solids	90.2	0.100	0.100	1		05/14/15 15:32	Percent Solids	05/15/15 10:30 CLD	SM 2540 G

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-8  
**Lab Sample ID:** 1500778-08  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 09:55	Matrix:	Soil
Percent Solids:	88.00	File ID:	

CAS NO.	Analyte	Concentration (pH Units)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	pH	7.97			1		05/19/15 11:00	By Method	05/19/15 12:00 CLD	EPA 9045

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Cyanide (reactive)	ND	0.227	0.227	1	U	05/15/15 09:16	By Method	05/15/15 16:44 NNM	EPA 9014
NA	Sulfide (reactive)	ND	22.7	22.7	1	U	05/15/15 09:18	By Method	05/15/15 14:15 CLD	EPA 9031

CAS NO.	Analyte	Concentration (°F)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Flashpoint	>200	80.0	80.0	1		05/26/15 11:04	By Method	05/26/15 14:09 CLD	EPA 1010

CAS NO.	Analyte	Concentration (%)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Percent Solids	88.0	0.100	0.100	1		05/14/15 15:32	Percent Solids	05/15/15 10:30 CLD	SM 2540 G

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit





## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-9  
**Lab Sample ID:** 1500778-09  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 11:27	Matrix:	Soil
Percent Solids:	85.30	File ID:	

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Cyanide (total)	ND	1.17	1.17	1	U	05/22/15 10:58	EPA 9010C	05/26/15 15:43 RMK	EPA 9014

CAS NO.	Analyte	Concentration (%)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Percent Solids	85.3	0.100	0.100	1		05/14/15 15:32	Percent Solids	05/15/15 10:30 CLD	SM 2540 G

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** WC-10  
**Lab Sample ID:** 1500778-10  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled:	05/13/15 10:00	Matrix:	Soil
Percent Solids:	83.30	File ID:	

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Cyanide (total)	ND	1.20	1.20	1	U	05/22/15 10:58	EPA 9010C	05/26/15 15:43 RMK	EPA 9014

CAS NO.	Analyte	Concentration (%)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Percent Solids	83.3	0.100	0.100	1		05/14/15 15:32	Percent Solids	05/15/15 10:30 CLD	SM 2540 G

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



## ANALYSIS DATA SHEET

### Inorganics

**Client:** BRINKERHOFF ENVIRONMENTAL  
**Client Sample ID:** MW-2  
**Lab Sample ID:** 1500778-11  
**Project:** 255 East 138th Street  
**Work Order:** 1500778

Date Sampled: 05/13/15 12:40	Matrix: Ground Water
Percent Solids:	File ID:

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Cyanide (total)	ND	0.0200	0.0200	1	U	05/20/15 08:28	SM 4500CN C	05/20/15 12:17 NNM	SM 4500CN E

\* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

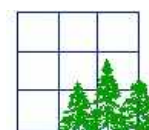
D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit





## ATTACHMENT XII

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August 19, 2015  
Sent via e-mail

Mr. Doug Harm  
Brinkerhoff Environmental Services, Inc.  
1805 Atlantic Avenue  
Manasquan, NJ 08736

Re: 138<sup>th</sup> Street LLC  
255 East 138<sup>th</sup> Street  
Bronx, NY  
BCP Site No. 203057  
CEC Approval Nos.: TBD

Dear Mr. Harm:

Clean Earth of Carteret, LLC ("CEC") has received and reviewed the following documents for the above referenced site:

- Former G & C Services 255 East 138th Street Remedial Investigation Report prepared by Brinkerhoff Environmental Services, Inc. in May, 2013, and
- Former G & C Services 255 East 138th Street Remedial Action Work Plan prepared by Ira N. Pierce P.E. in October, 2013.

This letter serves as approval of ~11,000 tons of Non-hazardous petroleum contaminated soil/urban fill represented by the following composite sample IDs and all related grab samples-

CEC – Base	WC-2	WC-3	WC-4
CEC – Elevated	WC-5	WC-6	
WC-7	WC-8		

Please include the Grid number/name on all manifests when shipping soils to CEC.

This approval is based upon material being accurately represented by all information provided to CEC at this time, including, but not limited to, Waste Profiles, analysis, site diagrams, site history, and sampling plans. Processing of the soil will be performed under NJDEP Recycling Center Permit No. CBG120002.

Wood, ash, cinders and any other solid waste may not comprise more than 1% of soil destined for CEC. Material with free petroleum product, liquids, sludges, or hazardous waste cannot be



accepted. Please be advised that should the material be found to be non-conforming based on our facility permit requirements, CEC will contact you to discuss options.

The laboratory report does not provide sufficient analysis of the soil to meet our permit. The facility is permitted to analyze soil by collecting samples from incoming loads.

Clean Earth Inc. and its subsidiaries would like to thank you for giving us the opportunity to manage this waste stream. Should you have any questions or concerns, please do not hesitate to contact me at 215-734-1400 X245.

Sincerely,



Karen Vivo Hartley, CHMM  
Senior Environmental Project Manager

Cc: Tejas Shah– Clean Earth of Carteret  
Jen Schrof – Clean Earth Inc.